Sail Training

Ships and Programs

1985 Directory

$5.00

The American Sail Training Association, Newport Harbor Center, 365 Thames Street, Newport, Rhode Island 02840

Contents

Page

LETTER FROM THE EDITOR 1

SAIL TRAINING - An Overview 2

THE AMERICAN SAIL TRAINING ASSOCIATION
- Purposes and Programs 3
- Tall Ships Opportunities and Future Events 4

FULL TIME SAIL TRAINING SHIPS - Western Hemisphere
- Fleet in Review 5
- Featured Ships - Specifications, Programs, Contents 6
- Not Pictured/Maritime Heritage Resources Survey. 38

PART TIME SAIL TRAINING SHIPS - North America
- Fleet in Review 39
- Featured Ships - Specifications, Programs, Contents 40
- Not Pictured 60

PRIVATE YACHTS OFFERING SAIL TRAINING - North America
- Fleet in Review 61
- Featured Yachts 62
- Not Pictured 64

SHORESIDE SAIL TRAINING PROGRAMS 65

PROJECTS IN PROGRESS
- On the Drawing Board, Under Construction, Being Restored . . 67

INTERNATIONAL SAIL TRAINING
- Fleet in Review - Europe, Asia, and Beyond 69
- International Organizations with Sail Training Programs . . 70

ORGANIZATIONS RELATED TO SAIL TRAINING
- Reference List and Index 71

ASTA MEMBERSHIP SERVICES INFORMATION 75

INDEX OF SHIPS . . . . . Inside Back Cover

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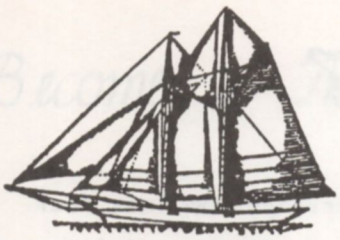


January 1985

Dear Shipmates,

The dream of a 'tall ship and a star to steer her by" can become a reality for you! This *Directory of Sail Training Ships and Programs* has been compiled in an effort to link those who yearn to go to sea with those who offer shipboard opportunities under sail. It's our fourth edition, which gives me another chance to invite you to celebrate sail training with me — whether we're sailing or "shoreside" shipmates aboard our spaceship planet.

You get to choose whatever suits you: the ship, the program, the waters, the season. And you decide your reasons, too: are you looking for fun, adventure, a career? an escape from, or an extension of, school? time among old friends, or in a new circle? on nearby waters, or along distant shores? The focus is also up to you: do you want to concentrate on ecology? water science? maritime heritage? nautical arts? seamanship? Regardless of what draws us to sail training, we're bound to come ashore changed — for the better — time after time. And that, for me, is cause for celebration.

In using this book, you'll find it's like life: the only guarantee is that things will change (and no endorsements are intended or implied). Look on the next page for more specifics about sail training and factors to consider in choosing the "right" ship or program. Review the Contents page for an overview of what's included -- and where. Then, match your interests with the ships and programs that fill the rest of this *Directory*.

It's rewarding to be featuring over 25% more full-time sail training ships than in the 1983 edition, with part-timers filling five more pages than before. And almost all of the "Ships Under Construction" in 1983 have been launched and moved onto feature pages! With the Sailing School Vessels Act of 1982 about to be implemented, even more opportunities are bound to be offered. In the U.S., with ships and operators under Coast Guard regulation, the new Sailing School Vessels Council is supporting quality standards for educational programs and instructors through a new accreditation process.

Whatever course you chart, you'll find that life is rarely more concentrated than on a ship and you can look forward to an authentic adventure, full of physical and personal challenges. The romance, as well as the demands and dangers, of the sea are genuine. No one is alone in facing waves of misery and fear, but there are higher crests of exhilaration and courage to be shared as well. Log entries from my shipmates show that they have pulled harder, climbed higher, grown faster, learned better, worked more closely with others, and steered beyond more new horizons than they had ever imagined. Four years ago, a then-sixteen-year-old Girl Scout shipmate of mine put it this way: "Being at sea offers you a sense of pride and accomplishment. Seeing the sails set and feeling the power of the wind moving the boat, you realize that you are a part of it all. . . . At sea I have learned what teamwork is, what understanding is, how good it feels to like yourself and what you are doing." I received a WESTWARD card from her last week -- postmarked *Barbados* -- "Can't even begin to tell you how wonderful I feel! Three and a half weeks at sea is not enough for me . . . even with ten days of rain."

I'm eager to expand this network of mariners, so do keep in touch with YOUR news of ships and programs. It's especially rewarding to hear about contacts made as a result of this *Directory*. For me, it's like a pebble thrown into a global pool: let us hear about the ripple effect as sail training touches your life.

Fair winds,

Nancy Hughes Richardson

Nancy Hughes Richardson
Editor

P.S. A special word of thanks to those supporters of sail training whose purchase of space helps make this Directory possible.

P.P.S. Remember that there are no mailboxes at sea, so communications may be slow and irregular.

What is Sail Training?

There is worldwide recognition that a worthwhile sail training experience combines four essential components:

-a seaworthy sailing vessel
-operating safely under competent command and crew
-working with qualified instructors
-offering a sound educational program.

Programs may have different emphases and ships may vary in size and rig, but the goals of sail training programs can be summed up in three salty words: to make better sailors, shipmates, and stewards for our spaceship planet. You should bring ashore

-skills in safety and seamanship from your sailing duties,
-increased understanding of relating to others through group-living and working as shipmates, and
-a dedication to preserve our maritime heritage and conserve the marine environment from your stewardship responsibilities for the ship and the water world.

Sail training has been called "an outlet for your spirit of adventure" and is not designed primarily "to turn you into a yachtsman or a professional seaman." Be aware, though, that what may be a "once-in-a-lifetime" opportunity is likely to leave a life-long impression! Whatever the impact, the factors below describe some of the variables and general requirements that most programs have in common.

Factors

Most sail training programs-

- Aim at persons 15 years of age or older. Younger children may be included with adults in group, family, or school day-sails or marine science cruises.
- Are open to both males and females (although not necessarily at the same time).
- Do not require sailing experience, except for crew positions, of course. Above all, trainees need enthusiasm and the ability to work and live with a group in the close quarters of a ship.
- Prefer that all trainees swim well enough to keep afloat for at least five minutes while fully dressed.
- Offer different kinds and levels of learning experiences and course work. Educational prerequisites depend on the courses and credits offered.
- Charter to groups, but also take individuals aboard.
- Cost $15.00 to $75.00 per day per person, depending on the season, the group size, the length of the session, program, cruising area, accommodations, food, Captain, crew, educational staff, and sponsoring organization.
- Few programs are able to offer financial aid. To supplement their own resources, trainees are encouraged to seek local support from civic groups, the business world, or youth agencies.
- Are operated under U.S. Coast Guard or international safety regulations.
- Many ships venture no more than 20 miles from a harbor and are rarely underway overnight, staying within easy reach of safe refuge and of help. Offshore voyaging offers the adventure of remote passages where severe weather and water conditions may not be avoidable and rescue may be more remote. Being underway round the clock requires watch duties night and day, demanding both physical and psychological stamina.

Considering all these factors, add yourself--your interests, abilities, and past experiences--to the list of essential components for a worthwhile sail training experience!

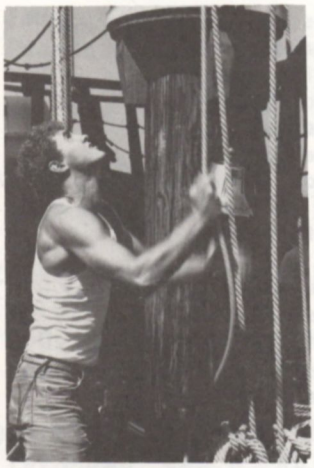
ASTA

The American Sail Training Association--with main offices in Newport, Rhode Island--is the national organization which works to get youth to sea in deepwater traditional sailing ships. We do this for three main reasons:

...sail training is an adventure and an educational and character building experience for young people,

...international goodwill results when the sail training ships from around the world are gathered in a spirit of comradery and friendly competition, and

...these activities result in greater awareness of, and appreciation for, the values of our shared maritime tradition.



Sail training races and adventure cruises for youth are the primary means of achieving these lofty purposes. The international races were originated in 1956 by the Sail Training Association, a worldwide organization headquartered in Great Britain. This group has subsequently run "Tall Ships" or traditional ship races in all even numbered years--with the addition of a series of local races in odd-numbered years.

The American Sail Training Association was formed in 1973 as an affiliate of STA to coordinate and run sail training activities on this side of the Atlantic. Our organization has grown from a limited program, mainly concentrated in New England, to a wide-ranging sphere of activity which includes status as a parent with a fledgling offspring (the Canadian Sail Training Association) and increasingly active and effective regional programs.

International Sail Training Races and Cruises-in-Company are planned to complement national, or international, events of major significance. For example, in 1972 the races were run in conjunction with that year's Olympiad, in 1976 they ended in the United States to add to our Bicentennial celebration, and in 1984 they focussed on Quebec in honor of the 450th anniversary of Jacques Cartier's voyage of discovery. In 1986, there will be a European series of races which will depart from Newcastle, England on Saturday, July 19th, and stop at Bremerhaven from Thursday, July 24th, to Sunday, July 27th, to participate in the much-anticipated festival of windjammers which will be known as "Sail Bremerhaven '86." This STA series will also include a Cruise-in-Company and a second race to finish at Gothenburg on Sunday, August 10th.

ASTA will organize and run a major International Sail Training Race series in the Pacific in 1986 which will include ports in Hawaii, British Columbia, Oregon, and California. Ships will race from Honolulu late in June, arriving at the Straits of Juan de Fuca on Friday, July 25th. After a four-day visit to Vancouver and its "Expo '86," the sail training fleet will race to the Columbia River and Cruise-in-Company to Portland, Oregon. The final leg of the series will take the ships back down the river and then south to San Francisco, with this third race finishing on Wednesday, August 20th. Though not a part of either the STA or the ASTA race series, a large gathering of ships will take place in New York City in 1986--from July third to the eighth--in honor of the 100th birthday of the Statue of Liberty. "OpSail '86" will be a significant event providing a chance to see many traditional sailing ships in parade and to meet their young trainees from the seafaring nations of the world. Races to and from New York City may be organized by ASTA, and we will cooperate in providing for trainee welcome and activities.

Looking further into the future, STA and ASTA have a long-standing invitation to organize a series of races and/or cruises which will take the world's fleet of "Tall Ships" to Australia to join in that country's Bicentennial celebrations (October '87-January '88). Talks are still underway on just what form this series will take, but it promises much opportunity for adventure. ASTA will probably also organize a series of races in Western Hemisphere waters, and the STA will do likewise for European waters. The next big target for those in Spain and Italy, as well as North and South America, is the year 1992 and the anticipated celebration of the 500th anniversary of Columbus' historic voyage. Already, many exciting plans are being considered on both sides of the Atlantic.

Ships participating in sail training races are divided into three classes: Class A, consisting of all square-rigged ships and all other sailing ships over 160' long on deck; Class B, consisting of all fore-and-aft rigged sail training ships from 100' to 160' long on deck; and Class C, consisting of all other ships and yachts with a minimum length of 30 feet at the waterline. The Class A ships are usually Navy or Merchant Navy ships, although some are owned by organizations or individuals; Class B's are normally sailing schools, oceanographic research ships, and commercial sailing ships; and those of Class C are mainly private yachts which take young people aboard just for the period of the races and related events. The only hard and fast rule is that 50% of the ship's complement must be cadets or trainees between the ages of 15 and 26, both men and women.

These races, and the attendant publicity of related port visits, have fostered the growth of a wide-ranging program of adventure training under sail for young men and women. Such programs effect professional training, international goodwill, oceanographic research, maritime preservation, and character building. They thus have the ability not only to touch the lives of many, but to bring to those so touched a new understanding of the importance of our inheritance from the sea. For further information on future sail training races, please use the form on page 75.

The second major part of ASTA's program is an annual schedule of training cruises for young men and women. Our cruises provide the opportunity for a person between the ages of 15 and 26 to sail offshore in a square-rigger or a large fore-and-aft rigged ship. These are working expeditions with trainees organized in watch teams to serve in four-hour, often round-the-clock, shifts. Climbing the rigging (optional), a trick at the wheel, galley and cleaning duties, and sail handling are all part of the day's work. At least one ASTA counselor (with a second if the numbers so require) is aboard each ship to supervise training, which follows the course outlined in ASTA's *Syllabus and Logbook*. Many of the cruises also include a marine science portion to familiarize trainees with their environment; counselors provide necessary experiments and information.

Under sail, trainees learn the challenge of wind and sea--and the self-discipline and teamwork that it takes to sail a "Tall Ship." Though the cruises usually last only a week, the effect on the individual can be far-reaching. To request further information on these opportunities, please use the form on page 75. A few cruises are open to "youth of all ages" (15 and up), so that those who missed the opportunity earlier have a chance to catch up! There are often partial scholarships available for the cruise program. So, if sailing in a large traditional ship and learning how to "work the ship" have always been a dream of yours, let us hear from you.

Knowledge of maritime traditions and appreciation of our rich heritage from the sea flow from these programs and from the ports and people visited. In Nova Scotia, with its building yards; in the Gulf of Mexico, with its fishing fleets; in Newport, with its yachting opportunities; in Puget Sound, with its varied challenges; in the offshore islands, with their reliance on the sea as livelihood and highway--in all these maritime communities, one learns constantly the seaman's need for doing things right--of one hand for the ship and one for yourself--and of the honest concern for your shipmate created by this mutual reliance. The skills and crafts of the ships are not much changed from centuries ago, and the wooden ship is still both a work of art and a testimonial to the skill of the shipwright and the naval architect who built her.

The American Sail Training Association is dedicated to preserving these experiences for our youngsters and ourselves so that the richness and character building of the traditional ship experience will continue as a part of our national life and as a contribution to international goodwill. If you share this goal, please turn to page 75 for a form on which to request membership in the association.

The Fleet in Review...

Full Time

Sloop

Yawl

Ketch

Schooner

Topsail Schooner

Brigantine

Brig

Barquentine

Barque

Full-rigged Ship

	Page	Trainees	Educational Level	Minimum Age	Waters	Non-Government	Length	Rig
ADVENTURESS	6	30	High School +	13	Puget Sound	X	101'	Schooner
ATLANTAS	7	20	High School	16	Southern California	X	51'	Schooner
BLANCA ESTELA	14	7	College	15	Atlantic Ocean		68'	Ketch
BRILLIANT	23	10	High School	15	Southern New England	X	61'	Schooner
CALIFORNIAN	8	13	High School	14	California	X	94'	Gaff Topsail Schooner
CAPITAN MIRANDA	9	35	Naval Academy	18	Atlantic/Pacific		199'	Schooner
CISNE BRANCO	10	14	College	15	Atlantic Ocean		73'	Sloop
CUAUHTEMOC	11	90	College	15	Atlantic/Pacific		297'	Barque
EAGLE	12	156	College	17	Atlantic Ocean		295'	Barque
ERNESTINA	13	25	High School +	16	East Coast/ Atlantic Ocean	X	152'	Schooner
ESMERALDA	14	182	College	15	Atlantic/Pacific		353'	Barquentine
ESPERANZA	15	10	College	18	Atlantic Ocean		70'	Yawl
FORTUNA I	22	8	College	18	Argentine		63'	Yawl
FORTUNA II	22	10	College	18	Atlantic Ocean		57'	Sloop
GERONIMO	16	6	High School	15	Atlantic Ocean	X	54'	Yawl
GLORIA	17	90	College	15	Atlantic Ocean		255'	Barque
GUAYAS	18	80	College	15	Atlantic/Pacific		268'	Barque
J.N. CARTER	20	20	All	9	Long Island Sound	X	66'	Ketch
LIBERTAD	22	130	College	15	Atlantic Ocean		316'	Ship
ORIOLE	25	12	College	18	Northwest Pacific		102'	Marconi Ketch
OUR SVANEN	26	16	High School	16	Atlantic/Pacific	X	130'	Barquentine
PATHFINDER	32	18	High School	14	Lake Ontario	X	72'	Brigantine
PLAYFAIR	32	18	High School	14	Lake Ontario	X	72'	Brigantine
RAMBLER	24	20	College	18	Atlantic Ocean	X	106'	Staysail Schooner
ROBERTSON II	27	30	High School	14	Pacific Northwest	X	120'	Gaff Topsail Schooner
SIMON BOLIVAR	29	102	College	15	Atlantic Ocean		270'	Barque
SPIRIT of CHEMAINUS	27	30	High School	14	Pacific Northwest	X	92'	Brigantine
STONE WITCH	30	6	High School +	14	San Francisco Bay	X	70'	Topsail Schooner
TABOR BOY	31	16	High School	14	Atlantic Ocean	X	92'	Schooner
TeVEGA	21	34	Junior and Sr. High School	13	Atlantic Ocean	X	156'	Gaff Topsail Schooner
WESTERN UNION	36	24	High School	15	Atlantic Ocean	X	130'	Single Topmast Schooner
WESTWARD	37	24	College	18	Atlantic Ocean	X	125'	Schooner
WHEN and IF	21	8	High School	14	New England	X	63'	Schooner

Adventuress

Schooner

LOA: 101' *LWL: 72'*
Beam: 21' *Draft: 12'*
Tons: 82
Sail Area: 4,500 sq. ft.
Sail Number: TS/US 15
Rig Height: 100'
Power: 250 hp Diesel

Designer: B.B. Crowninshield
Built: 1913, East Boothbay, ME
Builder: Rice Brothers
Construction: Wood

Homeport: Seattle, WA

Sail training on ADVENTURESS is full of tradition, encouraging a healthy respect for the sea and an appreciation for the special opportunities of a sea-oriented program. ADVENTURESS trainees learn:

- -the excitement of seeing the sails they have raised catch the wind;
- -that friendships are made better by sharing adventure and effort;
- -to realize that safety standards are a way of survival; and
- -the thrilling, timeless lessons of the sea.

Duties are shared by 30 trainees, ages 14 and up, who are divided into crews. They rotate responsibilities throughout the day, standing all watches, cleaning ship, doing galley duty, and sailing stations. Instruction sessions are held, including the information needed to perform the duties above. Learning is by doing.

There is still time for exploring on shore when at anchor, for small boat sailing in sailing dinghies carried aboard, or for "me" time. Participants learn about their own worth and the special value of their shipmates as they see the need for cooperation and discipline.

Trainees are encouraged to do as much as they can, within the limits of safety. Ship's crew are there to instruct and assist, but not to do it all themselves. The schooner is inspected and U.S. Coast Guard certified for safety. The crew is made up of volunteers who have been trainees and/or have helped to maintain the vessel. Others may also apply. Two or three adults may accompany trainee groups of 25-30.

Special sessions may focus on marine biology, maritime heritage preservation, or other such topics. College courses and credit may be arranged, according to the needs of the group.

ADVENTURESS was built as a yacht in 1913, to be sailed from Maine to the Bering Sea to collect Arctic specimens for a museum of natural history. In 1915 the ship was sold to the San Francisco Bar Pilots who used her off the Golden Gate until the late 50's. Then, she was bought by a Seattle ship broker and taken to the Northwest. After three or four owners, she was acquired by a group interested in Sea Scout programs. She has been owned and operated by the non-profit Youth Adventure, Inc. since the early 60's, in constant service for youth training under sail. More than 7,500 young people have sailed aboard her, many of them Sea Explorers and Girl Scouts from all over the country.

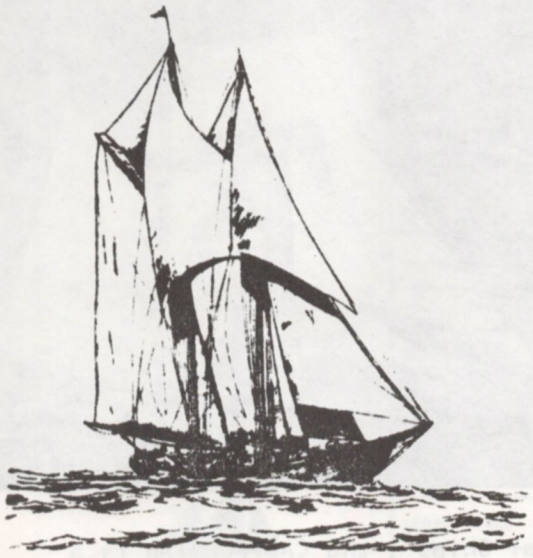
Waters: Puget Sound into the San Juan Islands, Port Townsend, and Victoria, B.C.

Season: 8-day sessions throughout the summer
weekends during the fall, winter, and spring

Contact: Mrs. Ernestine Bennett, President and Director *Karl Mehrer, Captain*
Youth Adventure, Inc.
P.O. Box 23
Mercer Island, WA 98040
(206) 232-4024

Cost: $35-40 per day

Atlantas



Schooner

LOA: 51' LWL: 36'
Beam: 11'6'' Draft: 6'6"
Tons: 18
Sail Area: 1,400 sq. ft.
Sail Number: 4
Rig Height: 55'
Power: Diesel 50 hp

Designer: David Stevens
Built: 1969, Nova Scotia, Canada
Builder: David Stevens
Construction: Wood

Homeport: Los Angeles, CA

With "Great Traditions of the Sea" as the name of his navigation and seafaring programs, Captain Ron Remsburg traces his inspiration to the Canadian BLUENOSE tradition. His ambition to sail back to California carried him to Nova Scotia, where he helped build his one-third-sized version of the famous schooner. The traditions he learned there, and those he teaches today, are full-sized lessons from the school of the sea. Linked with a number of southern California colleges, Captain Remsburg offers both classroom and on board instruction at basic and advanced levels. He draws parallels between studies under sail and his teaching of philosophy ashore, saying that in both cases, "we're trying to bring reality down to its simplest terms."

ATLANTAS can carry up to eight students, all of whom become involved in the practical aspects of boat handling, safety, navigation and other seafaring skills. Weekend and week-long cruises are offered to those 16 years of age and older. Credit is given by University of Southern California and Cal State University of Dominguez Hills, among others.

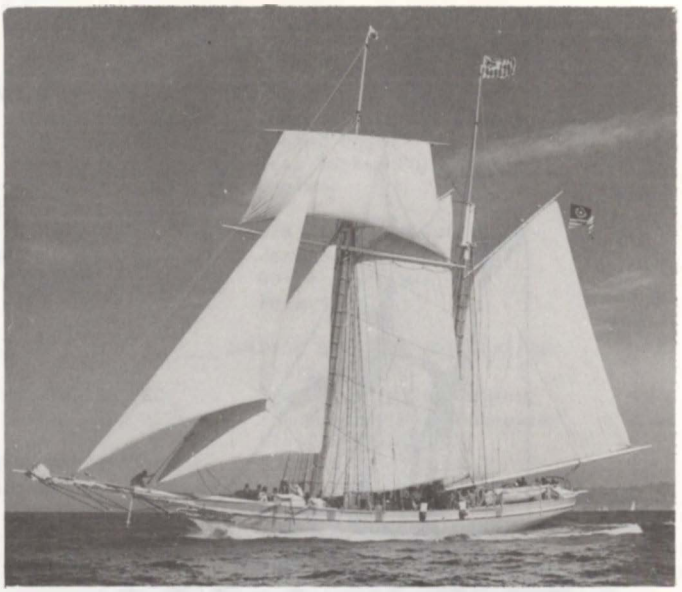
Waters: Southern California

Season: Year round, except August

Contact: Captain Ron Remsburg
Great Traditions of the Sea
Box 367
San Pedro, CA 90733
(213) 831-2848

Cost: $75 per person per day

Californian



Gaff Topsail Schooner

LOA: 93'6" *LWL: 86'2"*
Beam: 24'3" *Draft: 8'4"*
Tons: 98
Sail Area: 7,400 sq. ft.
Rig Height: 106'

Designer: Melbourne Smith
Builder: Nautical Heritage Society/ Melbourne Smith
Launched: 1984, San Diego, CA
Construction: Wood

Homeport: Sacramento, CA

Launched in time for the "Olympic Parade of Traditional Ships", the CALIFORNIAN is a hand-hewed re-creation of the LAWRENCE, a 19th century Coast Guard cutter. The founders of the Nautical Heritage Society have developed the CALIFORNIAN Sail Training Program out of a dedicated belief that traditional sail training is a unique and valuable form of education.

During its first year of operation, the ship will offer training cruises to qualified cadets from each of its fourteen ports of call on the California coast. The CALIFORNIAN will accept 12 cadets per cruise and take 30 cruises in her 1984/85 season.

Time spent aboard the CALIFORNIAN, in a small wooden world, far from the distractions of modern life, is time that will be remembered the entire life of every cadet. The cadet will be totally immersed in his surroundings, yet open to experience and develop skills that directly relate to life ashore. Self-reliance, teamwork, and American history--as well as sail training--are the cornerstones of the CALIFORNIAN programs. During their anticipated 11 days and 10 nights at sea, cadets will receive instruction in safety procedures, standing lookout, marlinspike seamanship, setting sail, going aloft, use of specialized equipment, steering, and coastal navigation.

The Nautical Heritage Society believes that the youth of California should have the opportunity of experiencing the adventure of sailing aboard a vessel such as the CALIFORNIAN.

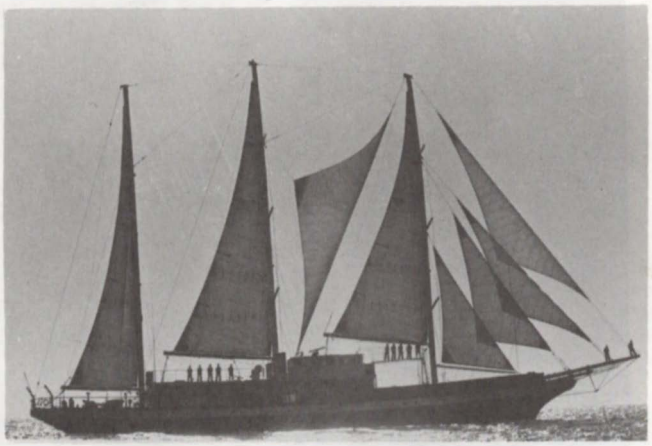
Waters: Coastal California, Pacific

Season: Year round

Contact: Nautical Heritage Society
24532 Del Prado
Dana Point, CA 92629
(714) 661-1001

Cost: $700 for 11-day cruise

Capitan Miranda



Three-masted Staysail Schooner

LOA: 205' *LWL: 176'*
Beam: 27' *Draft: 12'*
Tons: 441
Rig Height: 130'
Power: Diesel, GM 800 hp

Built: 1930

Construction: Wood

Homeport: Montevideo, Uruguay

The R.O.U. CAPITAN MIRANDA is one of the oldest ships still in service in the Uruguayan Navy. Formerly designed as a survey ship, she was drastically remodeled and transformed into a sail training vessel in 1978.

Launched in Cadiz, Spain on July 7th of 1930, CAPITAN MIRANDA sailed across the Atlantic after a long period of training for her crew--arriving at Montevideo on December 28th of that year. From those early days, she served as an auxiliary ship for the Uruguayan Navy for more than forty-five years; her main duties were to support the Hydrographic Office. In May of 1977, though, a big conversion of the old ship was decided upon, and one year later she was ready again; but with a new appearance and role. She had been converted into a beautiful three-masted schooner with the peculiarity of modern rigging and sails. Hence, CAPITAN MIRANDA combines the old Spanish style with the modern rigging of many ocean racers--and is a very fitting sail training vessel.

The dream of many officers of the Navy was fulfilled in this project, and the vessel became a proud reality to the members of the Navy and other people who worked on her conversion. In her first sailing, CAPITAN MIRANDA surpassed a speed of 10.5 knots, and completed a day's run of 240 miles, in favorable conditions of wind and sea. Nowadays this ship leaves her anchorage every year to train thirty-five midshipmen after they finish their studies in the Naval Academy in Montevideo. For more than four months, they get in touch with the wind, the waves, the storms. On her decks, handling the sheets and sails, they have their first experiences as seamen; on her bridge and in her engine room, they have a chance to apply all the training they received at the Naval Academy. The midshipmen have to perform functions normally handled by officers, as well as seamen's jobs on the rigging.

In the last six years, the ship has sailed more than 50,000 miles, arriving at places as far as Cadiz (where she was launched) and Valparaiso--crossing the Atlantic Ocean twice, rounding the famous "Cape Horn" and defying the formidable "Roaring-Forties." Today, she is peacefully moored in Montevideo Harbour, waiting for new seas to challenge and new lands to know, with the help of the wind.

Owner: Armada de la Republica Oriental del Uruguay
Edificio Aduana 4t° Piso Estado Mayor Naval N-2
Montevideo
Uruguay

Cisne Branco

Sloop

LOA: 73' *LWL: 63'*
Beam: 18' *Draft: 15'*
Tons: 53
Sail Number: BL 810
Righ Height: 89'
Power: Diesel

Built: 1974, U.S.A.
Construction: Aluminum

Homeport: Rio de Janeiro, Brazil

The Brazilian Navy firmly believes that sail training is more than a way of life or a vigorous sports arena, but the connecting link of the immortal seamanship spirit to the modern technology of today. Thus, they purchased CISNE BRANCO in February of 1981.

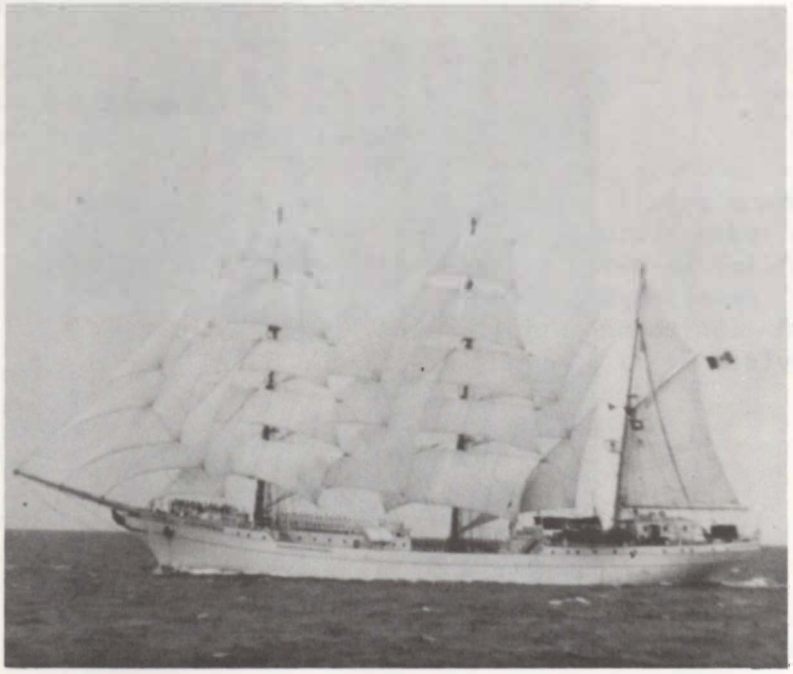
Designed in accordance with the most advanced techniques of naval architecture, the sloop was well known in racing circles before her name was changed from ONDINE.

Ambitious annual training cruises take CISNE BRANCO to all parts of the globe. These cruises are of long duration and have the purpose of complementing, with an essentially practical instruction, the four years of intense academic studies in the Naval Academy. She sails with her complement of twenty: three officers, three permanent crew, and fourteen trainees.

CISNE BRANCO participated in the "Tall Ships" Races in 1982.

Owner: Brazilian Navy
Escola Naval
Ilha de Villegagnon
Rio de Janeiro 20.091
Brazil

Cuauhtemoc



Barque

LOA: 297' *LWL: 220'*
Beam: 24' *Draft: 17'*
Tons: 1,800
Rig Height: 140'
Power: Diesel

Builder: Astilleros y Talleres de Celaya
Launched: 1982, Bilbao, Spain
Construction: Steel

Homeport: Vera Cruz, Mexico

Mexico's CUAUHTEMOC is one of the world's newest "Tall Ships", having reached her home port at Vera Cruz on September 25th, 1982. Named in honor of the last Aztec Emperor, she is the latest in a long line of sail training ships which have been operated by the Mexican Navy.

CUAUHTEMOC was constructed because her owners believe that a sailing ship demands of her crew the greatest degree of responsibility, capability, and concern for others. They feel that sail training shapes the character of their naval cadets, teaches them to live in harmony with nature and the elements, and develops love of the sea and devotion to the ideals of Naval life. CUAUHTEMOC has been constructed to carry forward these ideals.

CUAUHTEMOC has a complement of 185, ninety of whom are cadets.

Owner: Mexican Navy
Mexico City
Mexico

Eagle

Barque

LOA: 295' LWL: 231'
Beam: 40' Draft: 17'
Tons: 1,816
Sail Area: 21,350 sq. ft.
Rig Height: 148'
Power: 1,000 hp Cat Diesel

Built: 1936, Hamburg, Germany
Builder: Blohm & Voss Shipyard
Construction: Steel

Homeport: New London, CT

With the official title of U.S. Coast Guard Barque EAGLE, this tallest of all U.S. "Tall Ships" has been called a floating national monument. Invariably, it is on the decks and in the rigging of the EAGLE that the young men and women of the Coast Guard Academy get their first taste of salt air and life at sea. From this experience, they develop a respect for the wind and sea which they carry throughout their lifetime.

In the EAGLE, cadets have a chance to practically apply the navigation, engineering, and other training they receive at the Coast Guard Academy. As upperclassmen, they perform functions normally handled by officers. They guide the ship and serve as the leaders they will one day become in the Coast Guard. As underclassmen, they fill positions normally taken by the enlisted crew of a ship, including watches at the helm. They handle the more than 20,000 square feet of sail and over twenty miles of rigging. Over two hundred lines must be coordinated during a major ship maneuver and the cadets must learn the name and function of each line.

Waters: East Coast, Caribbean, and Europe--occasionally to the Pacific coast

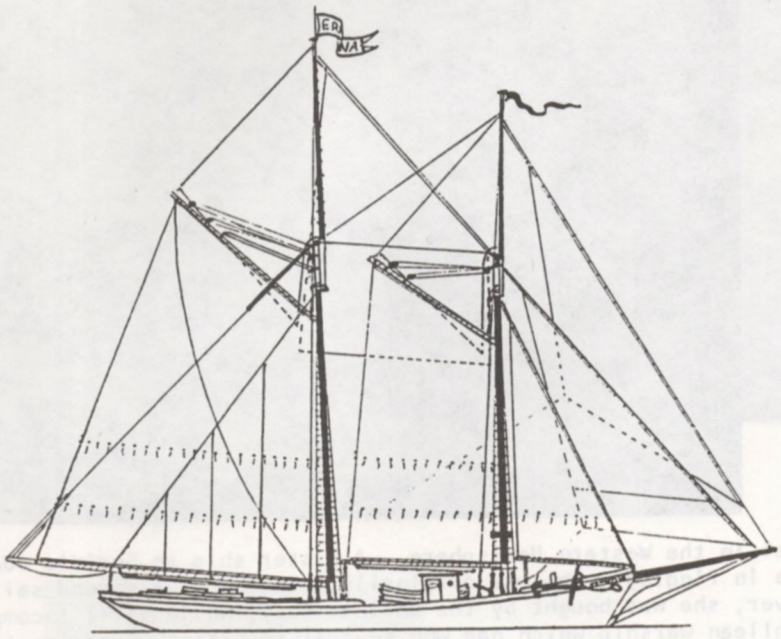
Season: 1 to 5 week cruises, May through August

Contact: U.S. Coast Guard Academy
New London, CT 06320

U.S. Coast Guard Academy Sailing Squadron

The Coast Guard Academy also has several Class C vessels which provide students with additional opportunities for sail training.

Ernestina



Schooner

LOA: 152' *LWL: 94'*
Beam: 24'5" *Draft: 13'*
Tons: 120
Sail Area: 8,323 sq. ft.
Rig Height: 112'
Power: Cummins Diesel, 350 hp

Designer: George M. McClain
Built: 1894
Builder: Tarr and James Yard, Essex, MA
Construction: Wood

Homeport: New Bedford, Massachusetts

The ERNESTINA was built as the EFFIE M. MORRISSEY in 1894 on the banks of the Essex River in Essex, Massachusetts. Today, she is the oldest surviving Grand Banks fishing schooner from an era when fishing under sail in fast and able Gloucester schooners was in its heyday. In addition, she is the only sailing Arctic exploration vessel afloat to navigate within six hundred miles of the North Pole--having to her credit over twenty years of exploration, surveying, data gathering, and study. And she is the last of thousands of sailing packets, starting with ships like the MAYFLOWER, to cross the Atlantic to the new world with immigrants leaving their homelands to find a new life in America. ERNESTINA was acquired by the government of the newly-formed Republic of Cape Verde in the mid 1970's; it was then decided to rebuild her and give her to the United States as a symbol of the ties of friendship uniting the two countries. In August of 1982 the ERNESTINA, her hull completely rebuilt, sailed to the United States and was officially repatriated in New Bedford, Massachusetts to magnificent public fanfare. The ship is currently being outfitted to conform with U.S. Coast Guard regulations in order to operate as a sailing school vessel in ocean and coastwise service.

The itinerary for training that has been developed for ERNESTINA includes a full schedule of voyages: longer trips in the winter; shorter, less expensive, trips in the summer. The curriculum on board will have two major thrusts: a) practical seamanship, and b) cultural and historical exploration. The comprehensive program of the practical and the conceptual will become an experience of the world in microcosm. The participants will complete the voyage with a greater understanding of our origins and place in the world on the individual and societal levels.

On winter voyages, participants will have to be at least 16 years old and physically fit--but there will be no upper age limit. ERNESTINA will have a professional crew of 9 plus 25 learning participants who will stand watch and be part of the schooner's day-to-day operation. In the summer season, almost any age of individual or any type of group can be accommodated on a day sailing or coastal trip. ERNESTINA will take up to 65 or 70 people on a day's sailing.

Waters: East Coast U.S.A., Canada in summer
Lower North Atlantic, Caribbean, West Indies in winter

Season: Year round

Contact: Schooner Ernestina Commission
30 Union Street
New Bedford, Massachusetts 02740
(617) 992-4900

Cost: $50 per person per day, approximately

Esmeralda

Four-masted Barquentine

LOA: 353' *LWL: 305'*
Beam: 44' *Draft: 23'*
Tons: 2,276
Rig Height: 165'
Power: Diesel

Launched: 1952
Builder: Echevarrieta y Larrinaga
Cadiz, Spain
Construction: Steel

Homeport: Valparaiso, Chile

ESMERALDA is the largest sail training vessel in the Western Hemisphere. A sister ship to Spain's JUAN SEBASTIAN de ELCANO (except for a difference in rigging), she was originally intended as a second sail training vessel for the Spanish Navy. However, she was bought by the Chilean Navy, while still incomplete, on May 12, 1953 and renamed for a gallant Chilean warship which had won several important victories in the 1879 Nitrate War against Bolivia and Peru.

Like her sister ship, ESMERALDA is reminiscent of the big schooners that were launched in the early years of this century for U.S. coastwise trades, although her lines and finish are worthy of a yacht. This beautiful ship is equipped with the most modern of navigation instruments. She also has a small navigating bridge on top of the deckhouse. Her figurehead is a massive, handsomely-painted condor holding the Chilean coat-of-arms in its claws.

ESMERALDA serves as a training ship for the students who graduate from the Chilean Naval Academy upon completion of their five-year program. Cruising with a complement of 332 officers, petty officers, crew, and cadets, ESMERALDA carries out an annual cruise which lasts approximately six months. This cruise serves as training for seaman apprentices, who basically receive training in sailing maneuvers. During the cruise, the ensign officers are trained in the fields of navigation, aeronautical meteorology, seamanship, astronomical navigation, etc. The yearly cruise serves also as a means of enhancing companionship among the graduates who will share long hours of sailing.

ESMERALDA participated in the "Tall Ships" Races in 1976 and 1982.

Blanca Estela

Ketch

LOA: 68' *LWL: 65'*
Beam: 16' *Draft: 9'*
Tons: 57
Sail Number: X-73
Rig Height: 82'
Power: Diesel

Built: 1977

Homeport: Valparaiso, Chile

BLANCA ESTELA, meaning "White Wake," is a 68' ketch owned by the Chilean Navy. She sails with a total of fourteen: three officers, four permanent crew, and seven trainees. Unlike ESMERALDA, she is used in sports sailing by the cadets of the Chilean Naval Academy who choose sailing as their extra-curricular activity. She has participated in many sailing races--such as the "Thousand Mile Race"--always coming up in the first place. BLANCA ESTELA took part in the "Tall Ships" Races in 1980.

Owner: Chilean Navy
Correo Naval
Valparaiso
Chile

Esperanza

Yawl

LOA: 70' *LWL: 62'*
Beam: 14' *Draft: 19'*
Tons: 41
Rig Height: 72'
Power: Diesel

Designer: Roberto Horrman
Launched: 1968

Homeport: Buenos Aires, Argentina

ESPERANZA is owned by the Argentine Coast Guard. She was designed in 1964 under the old formula CCA and built in the Central Naval Shipyard in Buenos Aires using the old strake system. Since her launch in 1968, she has seen continuous service up to the present as a training ship for officers and cadets.

The first reason for the use of these types of sailing vessels by the Argentine Coast Guard was the need for training their young men. Later, these vessels were also given the task of establishing rules and regulations concerning the nautical activity: sports and pleasure, as well as domestic and business sailing.

ESPERANZA sails with a total complement of fourteen: two officers, two permanent crew, and ten trainees. She began her career sailing regattas under the IOR formula. Recently, because of her age, she has participated in the cruise division. She has sailed in all kinds of races, including the Buenos Aires to Rio de Janeiro Race (five times), the Olivos to Florianopolis Race (two times), and the "Tall Ships" Races of 1980.

Owner: Argentine Coast Guard
Prefecto Nacional Naval
Edificio Guardacostas
Buenos Aires
Argentina

Geronimo

Yawl

LOA: 54' LWL: 36'
Beam: 13' Draft: 9'
Tons: 22
Sail Area: 1,433 sq. ft.
Sail Number: 1277
Rig Height: 65'
Power: GM 353

Designer: William Tripp
Built: 1965, West Germany
Builder: Abeking & Rasmussen
Construction: Aluminum

Homeport: Newport, RI

St. George's students who sail aboard GERONIMO receive an at-sea introduction to oceanography and the disciplines and rewards of life at sea. Offshore operations and international travel extend the range of the students' intellectual and social experience beyond the classroom and the dormitory.

GERONIMO makes two full semester cruises during the school year. Students study Marine Science and English which are taught on board. Two other courses, usually mathematics and foreign language, are taken by correspondence with the faculty at St. George's. Students, therefore, receive full academic credit for their time aboard GERONIMO.

In the summer, GERONIMO makes two four-week cruises out of Newport, Rhode Island. Both cruises sail the waters off New England and Bermuda. The academic courses concentrate on shark biology and fisheries management.

Throughout the year GERONIMO's primary research involves tagging sharks and collecting biological samples for the cooperative Shark Tagging Project of the National Marine Fisheries Service of NOAA. GERONIMO is also a member of the Cooperative Ship Weather Observing Program of the National Weather Service. Students study meteorology and make on-scene weather observations at sea.

Waters: New England, Nova Scotia, Bermuda in summer
Florida, Bahamas, and northern Caribbean in winter

Season: Year round

Contact: St. George's School
Newport, RI 02840
(401) 846-1089

Cost: Regular Tuition in winter
$450 per week in summer

Gloria

Barque

LOA: 255' *LWL: 212'*
Beam: 35' *Draft: 14'*
Tons: 1,097
Rig Height: 130'
Power: Diesel

Launched: 1968, Bilbao, Spain
Builder: Astilleros y Talleres de Celaya

Homeport: Cartagena, Colombia

An especially beautiful ship, Colombia's GLORIA was launched in 1968 in Spain. With a Thames measurement tonnage of almost 1,100, she is one of the new generation of large barques built for sail training by the world's navies. A modern modification of the sailing merchant ship, she has the fine lines of a vessel designed to carry people rather than cargo.

GLORIA sails with a complement of 150: fifteen officers, forty five permanent crew, and ninety trainees.

GLORIA has been active in "Tall Ships" Races, participating in the programs in 1972, 1976, 1980, 1982, and 1984.

Owner: Colombian Navy
Ministerio de Fefensa
Avenue Eldorado
Bogota
Colombia

Guayas

Barque

LOA: 268' *LWL: 211'*
Beam: 35' *Draft: 14'*
Tons: 914
Rig Height: 127'
Power: Diesel

Launched: 1977, Bilbao, Spain
Builder: Astilleros y Talleres de Celaya

Homeport: Guayaquil, Ecuador

One of the world's newer sail training ships, GUAYAS was built in Spain for the Ecuadorean Navy. Her cruise program is very extensive and includes a recent circumnavigation of the globe. She has a normal complement of 115: fifteen officers, eighty student midshipmen, ten service personnel, and ten professional hands. She sometimes carries honor cadets from other Ecuadorean service academies in addition to her usual complement of Naval midshipmen.

A nearly identical sister to Colombia's GLORIA, GUAYAS has all the facilities of a floating school capable of remaining at sea for forty five days. She is named in memory of the first steamship to be built in South America (in 1841).

GUAYAS participated in the "Tall Ships" Races in 1980.

Owner: Ecuadorian Navy
Quito
Ecuador

Hurricane Island, Outward Bound School

Photo by Karl Zeise

For close to twenty years Hurricane Island Outward Bound School has run sailing courses off the Maine coast. Designed to provide personal challenge as well as sail training and navigational skills, Hurricane Island courses are one part of a student's education that lasts a lifetime.

The school's fleet of eighteen 30-foot sprit sail ketches may not fit the common description of "Tall Ships"--but the teamwork, skills, and spirit of adventure in these courses is strong.

When the watch of twelve gets underway on their initial training expedition, they're immediately trained in safety procedures, sail theory, and navigation. Additional skills like first aid and natural history are presented throughout the course as students take increasing responsibility for running the boat themselves and setting expedition plans.

Whether students choose a six, or twenty-six, day course, they'll be expected to participate fully in the various roles on board and on the islands where they rock-climb, run, and solo.

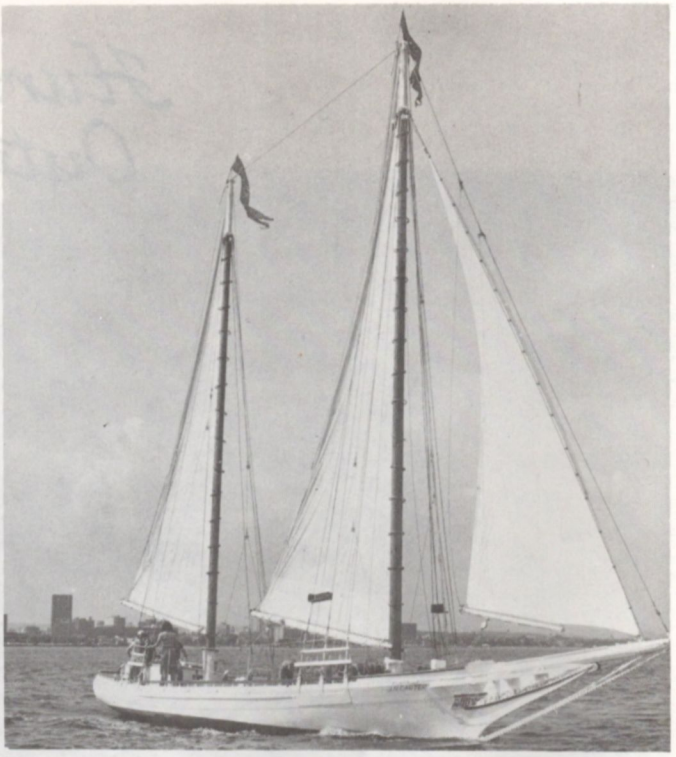
Waters: *Maine coast from May to October*
Florida Keys from November to April

Season: *Year round*

Contact: *Hurricane Island Outward Bound School*
Box 429
Rockland, ME 04841
(207) 594-5548 or (800) 341-1744

Cost: *$600 to $1,200 tuition*

J.N. Carter



Bugeye Ketch

LOA: 66' LWL: 52'
Beam: 14'6" Draft: 3'3"
Tons: 20
Sail Area: 1,800 sq. ft.
Sail Number: 3
Rig Height: 53'
Power: 55 hp Yawl boat

Designer: Russell Grinnell
Launched: 1964, Gloucester, MA
Builder: Russell Grinnell
Construction: Wood Frame

Homeport: New Haven, CT

Schooner, Inc. offers marine science programs ashore and on the water aboard J.N. CARTER. Although they work mostly with school groups and in teacher training, there are a limited number of crew internships in sail training; available in spring, summer, and fall. A Yale University/Schooner Marine Arts and Sciences Institute for high school students is highlighted in the summer for six weeks.

Purpose of Program - to acquaint students with the Long Island Sound ecosystem, to examine issues of consequence to the marine environment, to study the biological, chemical, and physical characteristics of the Sound, and to introduce sailing, seamanship, and the sea experience through field trips aboard our 66' frame bugeye, the J.N. CARTER.

Participants - any school, college, or civic group. Limited to 20. Minimum age: 9.

Program Structure - staff marine biologist will lead all programs, to include discussions, biological sampling, chemical and physical testing. On-board instruction in sailing and seamanship by licensed schooner Captain. Groups will participate in all aspects of the trip from hoisting the sails to collecting research data. Subject matter and level of instruction are tailored to meet the needs and interests of specific groups. Pre-trip slide show available. Whole- and half-day trips.

Program Selections

1. Introductory Science
   - (a) Introduction to Marine Environment
   - (b) Instrumentation
   - (c) Coastal and Estuarine Ecology

2. Advanced Science
   - (a) Chemistry
   - (b) Ecology
   - (c) Teacher Workshops
   - (d) Marine Cruise

Waters: Long Island Sound

Season: Mid-April through mid-November

Contact: Schooner, Inc.
60 South Water Street
New Haven, CT 06519
(203) 865-1737

Cost: $350 per charter group session
Internships are volunteer, no cost, no stipend

Landmark School

TeVega

Gaff Topsail Schooner

LOA: 156' *LWL: 100'*
Beam: 28' *Draft: 17'6"*
Tons: 243
Sail Area: 10,604 sq. ft.
Sail Number: TS/US 35
Rig Height: 130'
Power: 225 hp Diesel

Designer: Cox and Stevens
Built: 1930, Kiel, Germany
Builder: Krupp
Construction: Steel

Homeport: Beverly, MA

Sail training aboard TeVEGA offers the challenges of life at sea to the twenty-eight high school and junior high school-aged students who make up the student crew.

Watermark Program of Landmark School is aimed at the needs of learning disabled students. Remediation occurs through the combination of an intensive marine studies curriculum and the structure, discipline, and cooperation which characterize shipboard life.

Watermark Program offers a nine-month school year, as well as a month-long summer program aboard TeVEGA.

Waters: Variable. Landmark School students have sailed TeVEGA in the North Sea, the Mediterranean, and trans-Atlantic with the "Tall Ships." This year's itinerary covers the Atlantic from Canada to South America.

When & If

Schooner

LOA: 63'5" *LWL: 47'3"*
Beam: 15'1" *Draft: 8'8"*
Tons: 30
Sail Number: US 92
Rig Height: 85'
Power: 150 hp Diesel

Designer: John Alden
Launched: 1939, Wiscasset, ME
Builder: Pendelton
Construction: Wood

Homeport: Manchester, MA

Used in conjunction with Landmark School's summer programs, WHEN and IF sails Penobscot Bay in Maine, offering cruising, natural history, and a basic approach to cooperation, consideration, and discipline.

When not involved with Landmark School programs, WHEN and IF is available for whole boat charter. Educational offerings may be set up to suit charterer's needs.

Waters: New England-summer; variable-winter

Season: Year round

Contact: Watermark Program
Landmark School
Pride's Crossing, MA 01965
(617) 927-4440

Tuition: Contact school

Libertad

Full Rigged Ship

LOA: 336' LWL: 298'
Beam: 45' Draft: 23'
Tons: 2,587
Rig Height: 165'
Power: Diesel

Launched: 1959
Construction: Steel

Homeport: Buenos Aires, Argentina

The training ship ARA LIBERTAD is one of the largest "Tall Ships" afloat today, and has the specified mission of enabling the Argentine Navy's midshipmen to practice the art of sailing while strengthening and experiencing the science and techniques learned at the Naval military school. It also allows each student to enrich his own cultural exposure to essential and realistic matters of the Naval military career.

LIBERTAD has been actively engaged in sail training since her first voyage to Europe in 1963. Despite her size, her dimensions are proportionately well balanced. She was designed in the classic tradition, without any loss of her training capabilities, because of the inclusion of such features as the main deck house, the high forward pilothouse, and a rig shorter than the last century's freight sailing ships.

The Great Medal was awarded to LIBERTAD in 1966 for sailing 2,058.6 miles across the North Atlantic from Cape Race, Canada through a line extended between Dublin and Liverpool in 8 days and 12 hours. The "Boston Teapot Trophy" was awarded to LIBERTAD in 1966 and 1976 when she established record mileages. This distinction is annually presented by the Sail Training Association to the winning ship which sails the maximum distance in 24 hours, carrying more than 50% trainees.

Fortuna

The ARA FORTUNA has been part of the sail training program at the Argentine Naval College since her launch in 1950. The ocean cruiser-type shape of her design is still an enigmatic issue to naval architecture designers. Despite the typical dimensions of the time when she was launched, many of her features provide FORTUNA with a better ability to maneuver and greater speed than her contemporaries. As a result, she has won thirty of the eighty-five international competitions she has participated in, and successfully performed in several inter-oceanic journeys. Starting in 1982, she underwent a complete refurbishing which lasted for almost two years. Her crew is made up of 2 officers and 8 cadets. FORTUNA will continue to be a training ship of the Argentine Navy and will occasionally participate in national competitions.

Fortuna II

One of the Argentine Navy's sail training ships, ARA FORTUNA II sails with a total complement of 14: 3 officers, 1 permanent crew, and 10 trainees. The technology of the aluminum used in this ship was developed by a group of Argentine specialists who pioneered in this type of welding for the American Bureau of Shipping. All the materials used in building the ship are of Argentine origin, with the exception of the mast and the sails, which were made from imported fabric. The responsibility of designing the new racer for the Argentine Navy was assigned to Mr. Germans Freers, who is an internationally well-known designer because of his work on sailing ships for racing customers in the U.S.A., Australia, Germany, Holland, and many others. At the present time, FORTUNA II continues competing in the IOR regattas and effecting navigation training with cadets from the Argentine Naval Academy. She participated in the "Tall Ships" Races in 1980.

Owner: Argentine Navy
Buenos Aires
Argentina

Mystic Mariner Program

To those who would go upon the sea and use it, the sea imparts many lessons. A seaman must be skilled in the craft or the sea will find him out. The sea teaches a sailor self-reliance, strength of mind and body, and respect for the ship and fellow seamen. These are values that helped shape America. In the belief that they are as valid as ever, the Mystic Mariner Programs are offered to instill these values in young people by teaching them to go upon the sea.

Mystic Seaport Museum, Inc. is a museum dedicated to the preservation of the artifacts, skills, values and traditions of the American maritime history. Concerned primarily with the maritime commerce of the nineteenth century, the Seaport's collections contain several large ships, including the only surviving wooden whaling ship, CHARLES W. MORGAN; over two hundred small craft, extensive collections of maritime and folk art; models of the many kinds of vessels man has used to go upon the sea; a research library of 30,000 books and 300,000 manuscripts concerning all phases of American maritime history; and a collection of craft shops that perpetuate maritime related skills. These collections are housed at the Seaport, located on the site of one of the shipyards that made Mystic an important nineteenth century shipbuilding center.

The schooling of young people in the ways of the sea has been one of the primary objectives of the Seaport since its founding in 1929. With its acquisition of the training ship JOSEPH CONRAD (see p. 65) in 1947, the Seaport began to realize this objective. Since the inauguration of its program two years later, nearly 27,000 boys and girls from numerous states and several foreign countries have participated in the Mariner Program.

Brilliant

Marconi Main Schooner

LOA: 61'6" *LWL: 49'*
Beam: 14'8" *Draft: 8'10"*
Tons: 30
Sail Area: 2,200 sq. ft.
Sail Number: 22 (also TS/US 93)
Rig Height: 78'
Power: Diesel

Designer: Sparkman & Stephens
Built: 1932, City Island, NY
Builder: Henry B. Nevins
Construction: Wood

Homeport: Mystic, CT

The BRILLIANT Program is a sea-going training course conducted aboard Mystic Seaport Museum's schooner. Its aim is to teach young people the value of teamwork and mutual understanding, plus practical application of sailing and seamanship. Aboard the BRILLIANT the participants are the crew, and they do all the ship work including sail handling, cooking, and cleaning under the direction of the Captain and mate.

Trainees who have participated in the CONRAD program prior to sailing on the BRILLIANT are given preference. The BRILLIANT program is open to organized groups or individuals between the ages of 15 and 20. Organized groups shall consist of one adult leader and nine mariners. Adult groups may be organized for periods when the trips are not filled by young people. All must be competent swimmers.

A typical day on BRILLIANT includes an early breakfast, vessel washdown, polishing brass, and other deck work before getting underway. On watch, trainees are expected to keep lookout, steer, and keep a ship's log. Everyone pitches in to handle sail, while those off-watch may practice piloting skills, or simply relax and enjoy the fun of sailing. At anchor, there is usually time for a swim. Evenings are usually spent aboard but many ports are of interest for going ashore.

Waters: Southern New England

Season: 4-day weekends in spring and fall; 6-day weeks during the summer

Contact: Supervisor of Mariner Programs
Mystic Searport Museum, Inc.
Mystic, CT 06355
(203) 572-0711, ext. 323

Cost: $260 per weekend
$340 per week

Limited scholarships available

Ocean Research and Education Society

Rambler

Staysail schooner

LOA: 106' *LWL: 93'*
Beam: 23' *Draft: 11'*
Tons: 110
Sail Area: 4,924 sq. ft.
Rig Height: 79'
Power: 2/165 hp Diesel

Launched: 1982, Spain
Construction: Steel

Homeport: Gloucester, MA

In the research vessel RAMBLER, sail training is secondary to science and research. College credit is available as students assist researchers, take formal classes, stand watches, and help in the ship's routine. The ship will hold up to twenty students, all of whom must be high school graduates. Teacher workshops at sea and ashore are also part of the work of the Ocean Research and Education Society.

With a new "Sail and Study Semester," college students may earn 15 credits in a 12-week program. After six weeks ashore studying oceanography, marine mammal biology, and navigation, they apply their learnings at sea and help with the research in which the ship is engaged. Studies of the humpback whale have been of primary concern.

A sailing ship such as RAMBLER is particularly well-suited for whale and other cetacean research because her masts provide the high platforms needed to spot and observe life at sea. Her ability to run silent under sail makes possible the recording of whale sounds without contamination from propeller and engine noise. The stability of a ship under sail greatly facilitates the collection and laboratory examination of fish, plankton, and water samples, etc.

Waters: New England, North Atlantic, Caribbean

Season: Year round

Contact: Ocean Research and Education Society
19 Harbor Loop
Gloucester, MA 01930
(617) 283-1475

Cost: $400 to $3,500 per one to six weeks

Oriole

Marconi Ketch

LOA: 102' *LWL: 91'*
Beam: 19' *Draft: 9.6'*
Tons: 78
Sail Area: 12,000 sq. ft.
Rig Height: 94'
Power: 165 mp Cummins Diesel

Built: 1921, Boston, MA
Construction: Steel

Homeport: Vancouver, British Columbia

HMCS ORIOLE is a ketch-rigged yacht employed in basic seamanship training of junior officers in the sea element of the Canadian Armed Forces. She has no winches for sail handling; instead, all halyards and running back-stays are rigged luff upon luff to give sufficient mechanical advantage to sail her. She was laid down in 1921 for a Toronto businessman who subsequently donated her to the Navy League of Canada. In 1948, she was taken over by the Royal Canadian Navy and commissioned. She is the only commissioned yacht in the Navy, and has for twenty-five years continued to support junior officer and men's training for both the regular and reserve naval elements of the Canadian Armed Forces. Over the years her role has consistently been that of introducing young men and women to sail training. Crews consist of trainees working under the watchful eyes of a small number of experienced seamen. Learning while doing has been the keynote of training aboard this lovely yacht.

ORIOLE generally cruises the waters surrounding Vancouver Island, which are some of the most interesting year-round sailing waters of the world. The vessel takes part in local and off-shore ocean races when convenient to its training role. These races include the Swiftsure Race, the Maui Race, and the Transpac Race. She has participated in the "Tall Ships" Races in 1978 and 1984.

Waters: Generally, around Vancouver Island

Season: Year round

Contact: Commander, Training Group Pacific
FMO Victoria, British Columbia V0S 1B0
Canada

Our Svanen

Barquentine

LOA: 130' LWL: 84'
Beam: 22'10" Draft: 9'6"
Tons: 119
Sail Area: 4,500 sq. ft.
Sail Number: 15
Rig Height: 80'
Power: Alpha, BHP 155

Designer: K. Andersen
Built: 1922, Denmark
Builder: K. Andersen

Homeport: Stornoway, UK

Sixteen trainees, led by a regular crew of seven, make up the complement of OUR SVANEN. This attractive square-rigged ship is currently offering a "Tall Ships" course which encompasses every facet of life at sea, at anchor, and in port. Training takes place during continuous multi-week cruises in offshore waters around the world in what is possibly the most comprehensive course existing in the world of sail training today.

SVANEN was built with a typical Baltic hull in Denmark in 1922; she went to work carrying cargoes of grain in Scandinavian waters--until 1969, that is, when she was purchased by Margaret and Douglas Havers. After being extensively rebuilt over a period of nearly ten years, SVANEN set sail from England in 1978; several months later, after a transit by way of Barbados, the Panama Canal, and San Francisco, she arrived in British Columbia. From 1981 through 1984, she has been chartered to the Royal Canadian Sea Cadet Training Division--with her owners doing the instruction. Passed cadets have become a part of the regular crew to inspire and enrich the training process.

SVANEN and her owners are dedicated participants in "Tall Ships" Races, sailing with the fleet in 1982 and 1984.

Waters: Denmark, Great Britain, Portugal, Spain
Caribbean, San Blas Island, Mexico,
Panama, Newfoundland, East and West coast
USA, Canada

Season: Year round

Contact: Jim Wilson & Associates
901 NW 22nd Ave.
Miami, Florida 33125

Cost: Trainees - $55 per day

S.A.L.T.S.

In 1984 the ROBERTSON II/Sail and Life Training Society (S.A.L.T.S.) celebrated ten years of sail training in the Pacific Northwest by laying the keel of their new vessel, the brigantine SPIRIT of CHEMAINUS. The new ship will join the ROBERTSON II in providing young people with "hands on" experience and the opportunity to develop both physically and spiritually. Based on Christian values, the S.A.L.T. Society believes that training under sail can give the human spirit a real chance to develop and mature.

Robertson II

Original Grand Banks Fishing Schooner

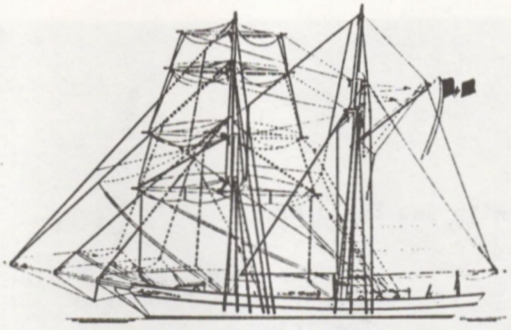
LOA: 130'
Beam: 22' *Draft: 12'*
Tons: 98
Sail Area: 5,637 sq. ft.
Rig Height: 109'
Power: 6110 GM Diesel

Designer: McKay
Built: 1940, Shelburne, Nova Scotia
Builder: McKay
Construction: Wood

Homeport: Victoria, British Columbia

The ROBERTSON II operates with up to thirty trainees and a regular ship's crew of: master, mate, and watch officer--from April to October. At the heart of the sail training program are the ten-day summer trips where individuals from varying backgrounds learn to live and work together in the comradeship of shipboard life.

Spirit of Chemainus



Brigantine

LOA: 92'
Beam: 18' *Draft: 8'*
Tons: 40

Designer: II Chapelle
To Be Launched 1985, Chemainus, British Columbia
Builder: S.A.L.T. Society
Construction: Wood

Homeport: Victoria, British Columbia

The SPIRIT of CHEMAINUS will add a new dimension by providing more advanced offshore programs to take place in the winter months with an itinerary to include the Pacific Rim countries.

Waters: Pacific Northwest, Gult and San Juan Islands

Season: May to October

Contact: Captain Martyn J. Clark
ROBERTSON II
Sail and Life Training Society (S.A.L.T.S.)
Box 5014, Station "B"
Victoria, British Columbia V8R 6N3
Canada
(604) 383-6811

Cost: Contact SALTS--scholarships available

Sea Exploring

The Sea Explorers of the Boy Scouts of America maintain several yachts which are available to local councils for sail training purposes. SES ARGUS is a particularly active group.

Argus

Topsail Ketch

LOA: 92' *LWL: 67'*
Beam: 18' *Draft: 6'*
Tons: 53
Sail Area: 2,564 sq. ft.
Rig Height: 60'
Power: Diesel GMC 671

Built: 1908, Marstal, Denmark
Construction: Wood

Homeport: Newport, CA

This former Baltic cargo vessel now sails the Southern California coast and Channel Islands, offering weekend trips during the entire year and five-day cruises in the summer. Available to other similar youth organizations, as well as Boy Scout groups, ARGUS carries up to 20 trainees, ages 14 to 21. Crew is composed of members of Sea Explorer Post No. 1069 in Newport, California.

Waters: Southern California

Season: Year round

Contact: Orange County Council, Boy Scouts of America
3811 Bear Street
Santa Ana, California 92704

(714) 546-4990

Cost: $150 per person for 5 days
$450 for weekend groups of 20

The following is a list of other yachts we know which work with Sea Explorers:

CHIEF APTAKISIC
Explorer Scouts, B.S.A.
Ship #8
P.O. Box 2318
APO Miami 34059

Gaff Schooner
LOA: 52'

GALLEON'S LAP
Sea Explorer Scouts, B.S.A.
Ship #38
P.O. Box 68
Gloucester Point, Virginia 23062

Schooner
LOA: 31'

LOTUS
Otetiana Council, B.S.A.
474 East Avenue
Rochester, New York 14607

Gaff Schooner
LOA: 47'

NAUSET
Sea Explorer Scouts, B.S.A.
c/o Mr. Mike F. Allerd
Box 1236
Orleans, Massachusetts 02653

YANKEE CLIPPER
Boy Scouts of America
c/o Captain John E. Kelly
3258 56th Avenue, S.W.
Seattle, Washington 98116

Gaff Ketch
LOA: 55'

Simon Bolivar

Barque

LOA: 270'
Beam: 35' *Draft: 14'*
Tons: 1,260
Rig Height: 140'
Power: Diesel

Builder: Celaya S.A.
Launched: 1980, Spain
Construction: Steel

Homeport: La Guaira, Venezuela

One of the world's newest "Tall Ships", Venezuela's SIMON BOLIVAR completed her maiden voyage as a sail training ship by visiting the harbors of Portsmouth, New Hampshire and Bath, Maine in the summer of 1981. Designed with the most modern technology and an eye to this Navy's dedication to sail training, SIMON BOLIVAR has a complement of 194: seventeen officers, twenty-four warrant officers, 102 midshipmen, and fifty-one enlisted men.

SIMON BOLIVAR is a dedicated participant in "Tall Ships" Races, having been part of the fleet in 1982 and 1984.

Owner: *Venezuelan Navy*
Avenida Vollmer
San Bernardino
Caracas
Venezuela

Stone Witch

Square Topsail Schooner

LOA: 70' LWL: 45'
Beam: 15' Draft: 7'6"
Tons: 35
Sail Area: 2,400 sq. ft.
Rig Height: 55'
Power: Chinese Diesel

Designer: Sampson Marine
Launched: 1974, Alviso, CA
Builder: Alan Olson
Construction: Ferrocement/Wood

Homeport: San Franciso, CA

During the summer, "Call of the Sea" (a non-profit corporation) charters the STONE WITCH for a full time youth sail training program. Every week, six youth will come aboard the ship for a five-day session. Land time on the San Francisco and Sausalito waterfronts will be spent learning about maritime history and available maritime careers. During a four-day expedition in San Francisco Bay, the trainees will gain knowledge and skills in seamanship, water safety, sail handling, piloting, helmsmanship, coastal navigation, and anchoring. The notorious winds, currents, and occasional fog in the San Francisco Bay create a variety of sailing conditions on which to learn. Trainees take part in all shipboard activities, from galley duty to sailors' arts and ship maintenance. Small boat handling is learned in sailing dinghies and rowboats. The young people will discover firsthand how the waters surrounding San Francisco affect their lives.

By sharing our love of the sea and the sailing lifestyle, we will help young people to chart their course upon the waters and to answer the call of the sea. Motivation and a desire to learn are the basic requirements of "Call of the Sea." Fees are based on a sliding scale. On weekends, the STONE WITCH crew will offer one-day sail training trips in San Francisco Bay to any aspiring sailors.

The STONE WITCH sails on long-range expeditions during the winter months. Since she was launched in 1974, she has sailed over 50,000 miles--to Mexico, Central America, Hawaii, and Micronesia. People of all ages join the STONE WITCH from two weeks to six months on these voyages. Besides accumulating sea time, members of the expeditions learn cruising and seamanship skills. Celestial and coastal navigation, weather systems, sail handling, small boat handling, anchoring, and heavy weather sailing are ongoing lessons. In addition, everyone stands watches and shares in galley duty and general ship maintenance. Shore time is spent in busy seaports, in quiet coastal villages, and on remote islands. So, everyday we learn more about oceanography, marine biology, island ecology, and geology. Water sports like fishing, snorkeling, diving, and windsurfing are also available. And the music, food, crafts, architecture, history, and customs of the countries we visit are there to explore and enjoy.

Sail training, the adventure and romance of life at sea, shipboard camaraderie--these are the elements of life in the STONE WITCH which lead to lasting friendships and lifelong memories.

Waters: San Francisco Bay and Pacific Ocean

Season: Winter - long range sail training expeditions
Summer - 5 day sail training programs for youth, one-day sail training trips

Contact: Alan Olson
Stone Witch Expeditions
55 Sutter ST, #534
San Franciso, CA 94104

Merlyn Storm 415-431-4590
Call of the Sea
55 Sutter ST, #534
San Francisco, CA 94104

Tabor Boy

Schooner

LOA: 92' *LWL: 82'6"*
Beam: 21'9" *Draft: 11'*
Tons: 99.9
Sail Area: 6,800 sq. ft.
Power: 225 H.P. GM Diesel

Built: 1914, Amsterdam
Construction: Iron

Homeport: Marion, MA

TABOR BOY has been engaged in sail training since 1954, and is now offering three-week summer cruises to boys, ages 14 to 17. During this time (longer than most), the sixteen trainees are fully involved in sail handling, ship operations, navigation, and seamanship. Harbor festivals and port visits along the New England coast highlight time spent ashore.

For Tabor Academy students in a special four-year Marine Science Program, TABOR BOY provides a seagoing classroom in the spring and fall. Offshore voyaging and oceanographic studies go together in the curriculum, with cruises to places as far as Bermuda adding adventure to the experience. Many Tabor graduates go on to the Merchant Marine, the Navy, or the Coast Guard Academy.

Waters: *New England in summer*
Offshore Atlantic for school year (Halifax to Virgin Islands)

Season: *Year round*

Contact: *Tabor Academy*
Marion, MA 02738
(617) 748-0590

Tuition: *$1,175 for three week summer session*
(application includes an interview at Tabor Academy)

Toronto Brigantines

Pathfinder

Brigantine

LOA: 72' LWL: 45'
Beam: 15'6" Draft: 7'6"
Tons: 39
Sail Area: 4,400 sq. ft.
Sail Number: 15
Rig Height: 44'
Power: 100 bhp Diesel

Designer: Francis MacLachlan
Built: 1964, Kingston, Ontario
Builder: Kingston Shipyards
Construction: Steel

Homeport: Toronto, Canada

Playfair

Tons: 45 Other specs
Built: 1974 as above.

Both PATHFINDER and PLAYFAIR were designed as sail training vessels to carry up to eighteen trainees for a character building experience. In a progression of learning-by-doing activities, young people are encouraged to take on more and more responsibility for boat handling and maintenance.

Applicants are accepted at 14 years of age, sailing in either the PATHFINDER or PLAYFAIR, with possible advancement to officer/trainer in later teen years. Summer Adventure Afloat programs are designed to give a sense of freedom in an atmosphere of friendly discipline. Shipmates learn to depend on one another and on themselves. New skills in boat handling and the importance of teamwork contribute special satisfactions. In the winter months, many trainees are actively involved in ongoing maintenance programs. Family participation is encouraged with adult/youth cruises and shoreside programs.

Waters: Lake Ontario, other Great Lakes, St. Lawrence River

Season: Adventures Afloat in May through September/maintenance program in winter

Contact: Toronto Brigantines, Inc.
283 Queens Quay West
Toronto, Ontario M5V 1A2
Canada
(416) 364-9949
Captain Richard Birchall, Executive Director

Cost: $450 per 12-day session
$500 per group for 4-hour sails ($300 for youth groups)

U.S. Merchant Marine and Maritime Academies

The United States Merchant Marine Academy and all of the state maritime schools have sail training programs for their students. Information on these schools and the ships which they operate follows.

CALIFORNIA MARITIME ACADEMY
P.O. Box 1392
Vallejo, California 93490

GREAT LAKES MARITIME ACADEMY
Northwest Michigan College
Traverse City, Michigan 49684

MAINE MARITIME ACADEMY
Castine, Maine 04421
(207) 326-4311

MIDDIE'S PRIDE
Bermudan Sloop
LOA: 42'

(please see p. 35 for further listing)

U.S. MERCHANT MARINE ACADEMY
Kings Point, New York 11024
(516) 482-8200

STATE UNIVERSITY OF NEW YORK
MARITIME COLLEGE
Fort Schuyler, New York 10465
(212) 892-3000

LADY FREI
Topsail Schooner
LOA: 95'

MASSACHUSETTS MARITIME ACADEMY
Buzzards Bay, Massachusetts 02532
(617) 759-5761

ARION
Bermudan Ketch
LOA: 42'

WINDLASS
Ketch
LOA: 49'

TEXAS MARITIME ACADEMY
Galveston, Texas 77553

(please see p. 35 for further listing)

U.S. Naval Academy Sailing Squadron

Photo by Bob Grieser

With a fleet of 130 sailing craft, the U.S. Naval Academy sets the standard for sail training within that service. Aside from basic training during plebe summer, the sailing program at the Academy now has three parts: intercollegiate competition, ocean racing, and cruise credit.

Typically, the twelve 44-foot Luders yawls are split between the summer cruise program and the offshore race schedule. Officers-in-charge and their assistants, almost entirely faculty volunteers, are selected in the fall. Midshipmen sailing masters and executive officers are also determined at that time. Officer and second classmen training, both classroom and underway, starts before Christmas; this group is joined in the spring by the plebes selected from a large number of volunteers. Training culminates after exam week in the annual 360-mile qualifying cruise around the DelMarVa Peninsula--which is required of all Naval Academy yachts before summer ocean sailing.

During the summer program, each yawl is manned by five new third classmen, two new first classmen, and two officers. The third class crew members are relieved by a second group midway through the cruise, at which time the two first classmen exchange positions. The first classmen run their ships with the officers offering suggestions and having final responsibility for safety.

Insofar as possible, normal ship routine is carried out--from eight o'clock reports to inspections, as well as daily work on the syllabus. Each third classman has a required body of knowledge to acquire during the cruise, all in personnel standards (PQS) format. Areas of emphasis include: basic seamanship, navigation, engineering, and leadership. Ocean racing follows this cruise credit program as practicable, but has to be more flexible.

U.S. Navy Sailing

The Director of Navy Sailing has placed training yachts in several areas where officer candidates are trained or junior officers are likely to be assigned for their first shore duty. The NROTC sailing program is a special case of this general approach. The sloop NEWPORT operates as our primary model at an active duty base in that New England town. Her crew consists of officers from the various training staffs there, working toward qualification as "senior skipper" offshore. These officers, once sufficiently qualified, provide the training for the officer candidates or junior officers.

The Director of Navy Sailing has developed a standardized curriculum for basic sailing for all Navy programs: "A", mate; and "B", skipper; he has also coded the skills and knowledge required for advancement through to "C", racing skipper; and "D", senior skipper. These levels of qualification are documented in a personal qualification system (PQS) and are promulgated from the Director's Annapolis office. An "E", master skipper, qualification has been added; it is available to senior skippers who have sailed at least 1,000 miles offshore as a skipper or watch captain in two or more races. These master skippers will be recognized as capable of racing a yacht safely anywhere in the world.

In addition to NEWPORT, the following is a list of the sail training yachts at Navy commands.

AVIATION OFFICERS SCHOOL COMMAND
Pensacola, Florida 32508

HERMES
Ketch
LOA: 44'

GREAT LAKES NAVAL TRAINING COMMAND
Great Lakes, Illinois 60088

BAY BEAR (charter)
Sloop
LOA: 42'

QUILL (charter)
Sloop
LOA: 33'

WILD ONION (charter)
Sloop
LOA: 38'

NAVAL AIR STATION
Patuxent River, Maryland 20670

SURPRISE
Sloop
LOA: 50'

NAVAL STATION
Annapolis, Maryland 21402

GERONIMO
Ketch
LOA: 40'

SIR SCOTT
Sloop
LOA: 43'

U.S. Naval R.O.T.C. Sailing Programs

Through the office of the Director of Navy Sailing, several colleges and universities have sail training programs established for their Naval Reserve Officers Training Corps. Information on these schools and the sail training yachts at each follows.

THE CITADEL
Charleston, South Carolina 29409

REBELLION REACH
Sloop
LOA: 41'

CORNELL UNIVERSITY
Ithaca, New York 14853

ALLIANCE
Yawl
LOA: 60'

FLORIDA A & M UNIVERSITY
Tallahassee, Florida 32307

CONQUEST
Sloop
LOA: 43'

GEORGIA TECH
Atlanta, Georgia 30332

TECH TACK II
Sloop
LOA: 25'

HAMPTON ROADS/OLD DOMINION UNIVERSITY
Norfolk, Virginia 23508

CHESAPEAKE
Ketch
LOA: 51'

JACKSONVILLE UNIVERSITY
Jacksonville, Florida

DOLPHIN
Ketch
LOA: 53'

MAINE MARITIME ACADEMY
Castine, Maine 04421

INTREPID
Ketch
LOA: 42'

SANTEE
Ketch
LOA: 41'

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Cambridge, Massachusetts 02139

(new acquisition, still unnamed)
Sloop
LOA: 41'

RICE UNIVERSITY
Houston, Texas 77001

SEA OWL
Ketch
LOA: 42'

TEXAS A & M UNIVERSITY/TEXAS MARITIME ACADEMY
Galveston, Texas 77553

SPIRIT OF ST. LOUIS
Sloop
LOA: 41'

TULANE UNIVERSITY
New Orleans, Louisiana 60118

MAJESTIC
Sloop
LOA: 41'

UNIVERSITY OF CALIFORNIA at BERKELEY
Berkeley, California 94720

WINDSONG (charter)
Ketch
LOA: 28'

UNIVERSITY OF NORTH CAROLINA
Chapel Hill, North Carolina 27514

RAINBEAU
Ketch
LOA: 44'

UNIVERSITY OF OKLAHOMA
Norman, Oklahoma 73019

(new acquisition, still unnamed)
Sloop
LOA: 28'

UNIVERSITY OF PENNSYLVANIA
Philadelphia, Pennsylvania 19104

CENTAURUS
Ketch
LOA: 51'

UNIVERSITY OF SOUTH CAROLINA
Columbia, South Carolina 29208

SWAMP FOX
Sloop
LOA: 29'

UNIVERSITY OF SOUTHERN CALIFORNIA
Los Angeles, California 90089

CYANE
Ketch
LOA: 51'

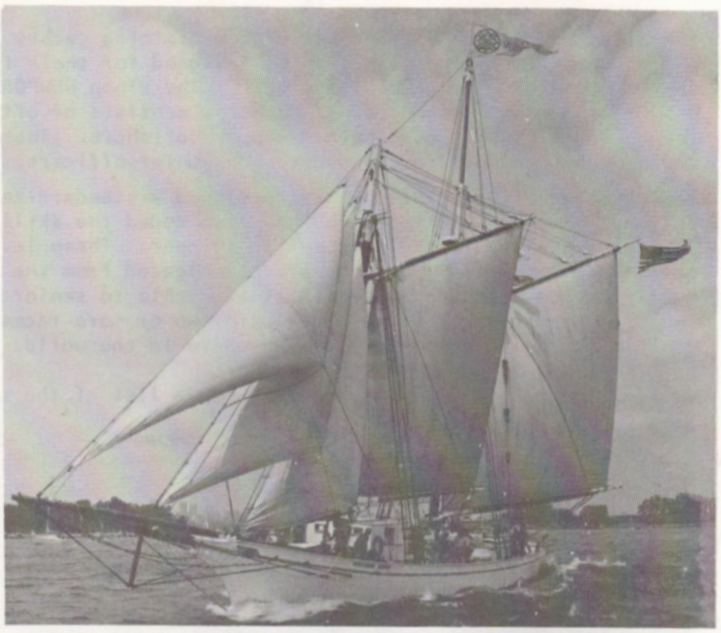
UNIVERSITY OF WASHINGTON
Seattle, Washington 98195

JUST SO (charter)
Yawl
LOA: 40'

VIRGINIA POLYTECHNIC INSTITUTE
Blacksburg, Virginia 24061

ESPRIT de CORPS
Sloop
LOA: 37'

Western Union



Single Topmast Schooner

LOA: 130' LWL: 96'
Beam: 23.5' Draft: 7.5'
Tons: 91
Sail Area: 5,000 sq. ft.
Sail Number: 5
Rig Height: 96'
Power: Twin 467 Detroit Diesels

Homeport: Philadelphia, PA

The vision quest -- a challenging wilderness experience -- represented the Plains Indian youths' passage from adolescence to adulthood. For angry and troubled Twentieth Century youths, there is often no clear-cut understanding of the responsibilities of adulthood; rather, there is the confusion of adolescence, VisionQuest provides programs that stress challenge, honor, self-discipline, and the work ethic.

The VisionQuest sailing camps and OceanQuest have proven themselves to be extremely effective. The basic tenets of sail training -- development of a sense of responsibility, rigorous self-discipline, and respect for authority -- are the basic treatment aims for a majority of troubled youth.

Generally, 20 wilderness camp graduates are tapped to participate in OceanQuest. Their first challenge is to complete an arduous nine-week basic training course. This specialty training, under the guidance of VisionQuest experts, stresses: (a) theoretical and practical education -- focus is on the youngster's individual education plan, with additional emphasis on ocean-related subjects such as marine ecology, oceanography, map/compass orientation, and astronomy; and (b) training -- staff and youths receive intensive training in water safety, swimming, and boating.

Currently the sailing program is based out of VisionQuest's camp at historic Ft. Mifflin, in Philadelphia. The 130-foot schooner WESTERN UNION is the training ship used.

Waters: Summer - NE USA and Canada
Winter - SE, Gulf coast, Bahamas
Season: Year round

Contact: VisionQuest National, Ltd.
P.O. Box 447
Exton, PA 19341
(215) 524-0330

Cost: Inquire Above

Westward

Staysail Schooner

LOA: 125' *LWL: 84'*
Beam: 22' *Draft: 13'*
Tons: 138
Sail Area: 7,000 sq. ft.
Power: 350 H.P. Diesel

Designer: Eldridge McInnis
Launched: 1960-61, Lemwerder, Germany
Builder: Abeking & Rasmussen
Construction: Steel

Homeport: Woods Hole, MA

Sea Semesters on research vessel WESTWARD offer college students a most complete marine education experience. Combining studies ashore and at sea in marine sciences, maritime affairs, and nautical science, WESTWARD's seagoing classroom attracts prominent scientists and educators, and students compete for admission to this special program. Aboard ship, the twenty-four students stand eight hours of watch and attend two hours of lectures each day. Their research projects are designed ashore to be carried out aboard this special laboratory afloat.

Shore Component

Students spend the first half of Sea Semester in Woods Hole receiving classroom and laboratory instruction in the following ocean related courses: Introduction to Oceanography (3 credits). Oceanographic concepts are introduced and developed from their bases in biology, physics, chemistry, and geology. The course provides a broad background in oceanography. Independent study projects developed ashore are carried out during the Sea Component. Introduction to Maritime Studies (3 credits). A multidisciplinary study of the history, literature, and art of our maritime heritage, and the political and economic problems of contemporary maritime affairs. Introduction to Nautical Science (3 credits). An introduction to the technologies of operation at sea. The concepts of navigation (piloting, celestial, and electronic), naval architecture, ship construction, marine engineering systems, and the physics of sail are taught from their basis in astronomy, mathematics, and physics.

Sea Component

Students spend the second half of the Sea Semester aboard the research vessel WESTWARD, enrolled in Oceanographic Laboratory I (Basic - 4 credits) and Oceanographic Laboratory II (Advanced - 4 credits). Theories and problems raised in the shore component are tested in the practice of oceanography at sea aboard a modern 125-foot staysail schooner, equipped for oceanographic data collection, staffed by scientists and professional officers. Students are instructed in the operation of basic oceanographic equipment, in the methodologies involved in the collection, reduction, and analysis of oceanographic data, and in the attendant operations of a sailing oceanographic research vessel.

Waters: Northwestern Atlantic in summer
Caribbean and Gulf of Mexico in winter

Season: Year round

Contact: Director of Admissions
Sea Education Association
P.O. Box 6
Woods Hole, MA 02543
(617) 540-3954

Cost: $6,000 per semester

Full-Time Sail Training Ships Not Pictured

DEN STORE BJORN

Schooner

International School Ake Pecha, Inc.
Frimaison Harbor, Pier "A"
P.O. Box 3211
Norfolk, Virginia 23514
Mr. Torben Lemming

GYPSY QUEEN / BERNICE J

Skipjack *Skipjack*

Echo Hill Outdoor School
Still Pond Neck
Whorton, Maryland 21678

JOANA I

65' Square-rigged Cutter

2120 Chemin du Foulon, #22
Quebec, Quebec
Canada
(418) 683-8753
Captain Antonio Freire

O.W. FOWLER

55' Schooner

Culver Military Academy
Culver, Indiana 46511

ST. LAWRENCE II

60' Brigantine

Brigantine, Inc.
239 Albert Street
Kingston, Ontario K7L 3V4
Canada
Mr. Samuel S. Lazier

MARITIME HERITAGE RESOURCES

"Difficult things we do today -- impossible dreams take a little longer" describes the monumental efforts being made to construct new vessels and to restore and keep old ships in sailing condition. The preservation of historical maritime skills has gained momentum, partially due to "Tall Ships" enthusiasm. More and more boat-building schools and shipyards are concentrating on heritage and tradition, with volunteer and paid craftsmen and women -- of all ages -- passing on a dedication to quality and authenticity. They're found in Maine and Mystic Seaport, of course, and Norfolk and Philadelphia and Port Townsend and Lake Chautauqua and on and on.

Their efforts are referenced in the Directory of Maritime Heritage Resources. It represents an initial survey of organizations devoted to preservation of maritime artifacts and skills. The survey has been compiled as a computerized database that the National Trust will maintain for the maritime community.

The Directory contains basic information concerning more than 500 maritime-related organizations in 12 categories. The database will be updated on a continuing basis. For information, contact the Office of Maritime Preservation, National Trust for Historic Preservation, 1785 Massachusetts Avenue, N.W., Washington, D.C. 20036.

The Fleet in Review - Part-time

Sloop

Yawl

Ketch

Schooner

Topsail Schooner

Brigantine

Brig

Barquentine

Barque

Full-rigged Ship

	Page	Trainees	Waters	Primary Use	Length	Rig
ALEXANDRIA	40	10	Atlantic Ocean	Public Relations	125'	Topsail Schooner
BEHEMOTH	40	6	East Coast/ Caribbean	Commercial	65'	Gaff Schooner
BILL of RIGHTS	41	32	New England	Passenger	151'	Schooner
BLACK PEARL	41	12	Mid-Atlantic	Museum	72'	Brigantine
BLUENOSE II	42	12	Nova Scotia	Public Relations	161'	Gaff Schooner
CANVASBACK	42	15	Northwest Pacific	Missionary Work	71'	Ketch Catamaran
CLEARWATER	43	50	Hudson River	Education	106'	Sloop
DAYSPRING	43	11	Maine/Caribbean	Passenger	93'	Topsail Schooner
ELISSA	44	55	Gulf of Mexico	Shoreside Education	202'	Barque
FYRDRACA	44	12	Chesapeake Bay	Yacht	32'	Squaresail Sloop
GAZELA of PHILADELPHIA	45	12	Atlantic Ocean	Public Relations	178'	Barquentine
HARVEY GAMAGE	45	27	Atlantic Ocean	Passenger	115'	Schooner
LEWIS R. FRENCH	48	23	Maine	Passenger	65'	Schooner
MEKA II	49	6	Southern United States	Passenger	54'	Brigantine
MINNIE V	49	24	Patapsco River	Passenger	69'	Skipjack
NORFOLK REBEL	50	3	Chesapeake Bay	Commercial	46'	Gaff Schooner
PERSEVERANCE	50	6	Maine	Museum	26'	Pinkie Schooner
PHOENIX	51	30	Long Island Sound	Passenger	70'	Schooner
PIONEER	51	12	New York Harbor	Passenger	102'	Schooner
PRIDE of BALTIMORE	52	12	Atlantic Ocean	Public Relations	136'	Topsail Schooner
PROVIDENCE	52	12	Atlantic Ocean/ Hudson River	Passenger	110'	Topsail Sloop
RACHEL and EBENEZER	53	21	New England	Passenger	105'	Schooner
RED JACKET	53	6	Puget Sound	Passenger	72'	Schooner
RICHARD ROBBINS	54	16	Hudson River/ Raritan Bay	Passenger	80'	Schooner
ROMANCE	54	20	Caribbean	Passenger	90'	Brigantine
SEA LION	55	6	Lake Chautauqua	Passenger	63'	Three-masted Barque
SHARON VIRGINIA	55	4	Chesapeake Bay/ Florida	Commercial	76'	Schooner
SHEILA YEATES	56	10	Lake Superior	Passenger	66'	Gaff-rigged Ketch
SHENANDOAH	56	29	New England	Passenger	108'	Topsail Schooner
STEPHEN TABER	57	22	Maine	Passenger	68'	Gaff Schooner
VERNON LANGILLE	57	6	Maine	Museum	36'	Schooner
VOYAGER	58	20	Southern New England	Passenger	65'	Schooner
WELCOME	58	6	Great Lakes	Museum	55'	Gaff Topsail Sloop
WILLIAM H. ALBURY	59	11	Caribbean	Passenger	70'	Schooner
WINDSONG	59	4	East Coast United States	Passenger	55'	Staysail Schooner

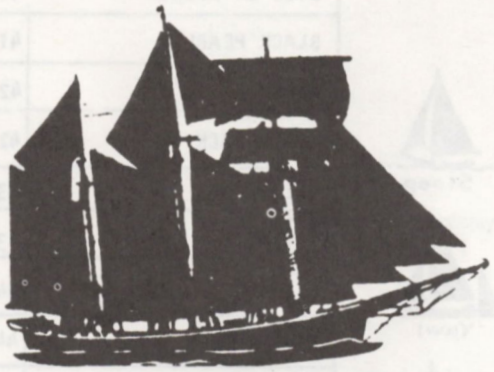
Alexandria

Topsail Schooner

LOA: 125' *LWL: 80'*
Beam: 22' *Draft: 9.2'*
Tons: 176
Rig Height: 85'
Power: 200 hp Diesel

Built: 1928
Construction: Wood

Homeport: Alexandria, VA
Waters: Atlantic
Season: April - October



Contact: Alexandria Seaport Foundation
P.O. Box 3318
Alexandria, Virginia 22302

Cost: Inquire

- formerly charter/training as LINDO, now good-will flagship for Alexandria, Virginia, continuing in "Tall Ships" events.

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Behemoth

Gaff Schooner

LOA: 65' *LWL: 48'*
Beam: 13' *Draft: 4.6'*
Tons: 15
Rig Height: 56'

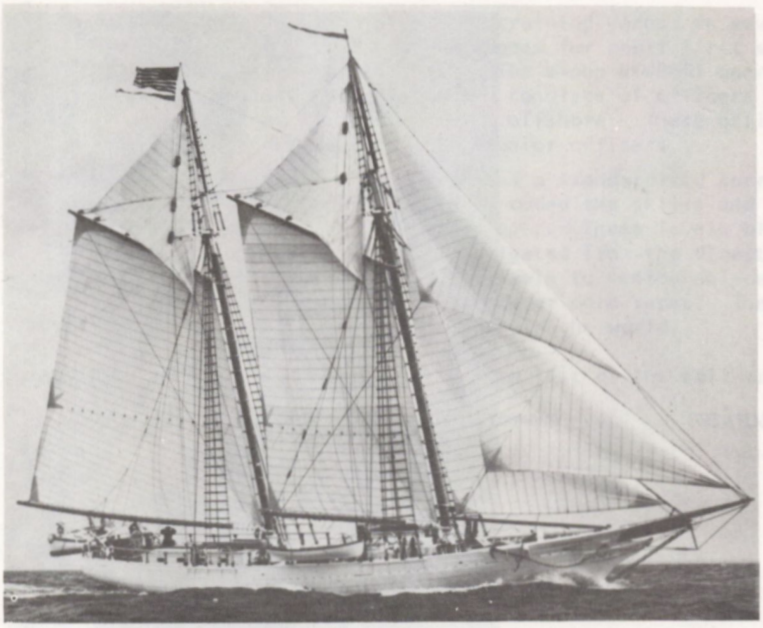
Homeport: Charleston, South Carolina
Waters: U.S. East Coast - summer
Abacos/Caribbean - winter
Season: Year-round

Contact: Charles R. Johnson
P.O. Box 1190
Mt. Pleasant, South Carolina 29464

Cost: Inquire

- a Chesapeake Bay oyster dredge of the last century, restored by volunteers and actively sailed -- unlike most museum ships.

Bill of Rights



Gaff Topsail Schooner

LOA: 151' LWL: 87'
Beam: 24'6" Draft: 10'5"
Tons: 99.8
Sail Area: 6,300 sq. ft.
Rig Height: 115'

Homeport: Newport, RI
Waters: Southern New England
Season: May 1 - November 1

Contact: Captain Joseph M. Davis, Jr.
Schooner BILL OF RIGHTS
Box 477
Newport, RI 02840
(401) 724-7612

Cost: $295-$475 per week

- a favorite among the passenger schooners, seen frequently in Newport Harbor carrying trainee apprentices as crew.

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Black Pearl

Hermaphrodite Brig

LOA: 72'6" LWL: 59'
Beam: 15'6" Draft: 8'3"
Tons: 27
Sail Area: 1,991 sq. ft.
Sail Number: TS/US 33
Rig Height: 55'

Homeport: New York
Waters: Southern New England
Season: May to October

Contact: National Maritime Historical Society
132 Maple Street
Croton-on-Hudson
NY 10520
(914) 271-2177

Cost: Inquire

- now in New York Harbor, with volunteers maintaining her and looking forward to upcoming "Tall Ships" opportunities.

Bluenose II

Gaff-rigged Schooner

LOA: 161' *LWL: 112'*
Beam: 27' *Draft: 16'*
Tons: 285
Sail Area: 12,550 sq. ft.
Rig Height: 125'
Power: Twin Diesel

Homeport: Lunenburg, Nova Scotia
Waters: Nova Scotia and beyond
Season: April - November

Contact: Nova Scotia Department of Tourism
P.O. Box 456
Halifax, Nova Scotia B3J 2R5
Canada
(902) 424-5000

Cost: $1,000/2-hour charter
$10/person/2-hour public cruises
($5 Senior Citizen, $4 child)

- like her famous namesake on the Canadian dime, BLUENOSE II is a vision of speed, sailing out of Halifax with passengers and carrying Canada's pride to other ports.

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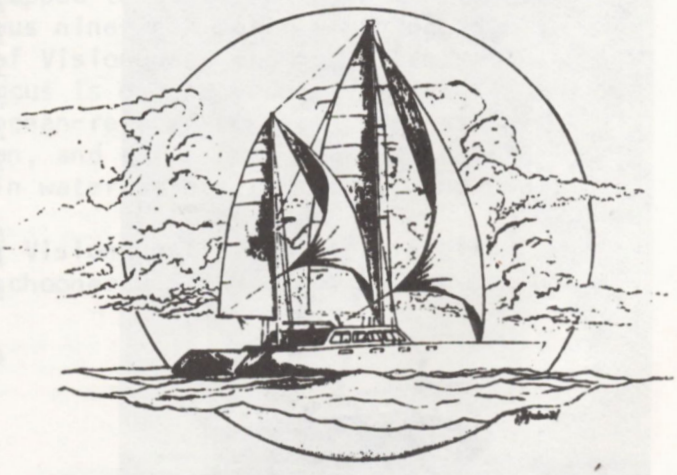
Canvasback

Ketch



LOA: 70'9"
Beam: 31' 10" *Draft: 3'4"*
Tons: 22.5
Sail Area: 2,582 sq. ft.
Rig Height: 80'
Power: Twin Diesel

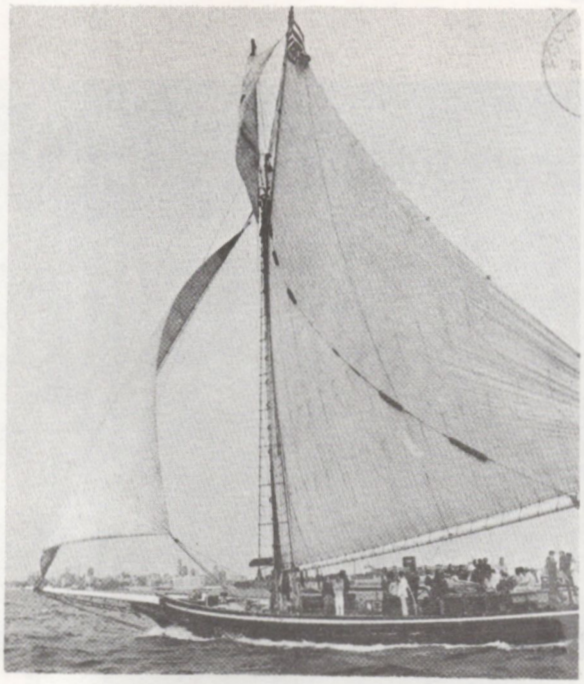
Homeport: Astoria, OR
Waters: Summer - Puget Sound to Alaska
Winter - Micronesia
Season: May - October

Contact: Canvasback Missions, Inc.
P.O. Box 191
Hammond, OR 97121
(503) 861-3272

Cost: $275 per week

- committed to Christian youth training and volunteer health care and medical services.

Clearwater



Sloop

LOA: 106' *LWL: 70'*
Beam: 25' *Draft: 7'*
Tons: 69
Rig Height: 108'
Power: Diesel

Homeport: Poughkeepsie, NY
Waters: Hudson River, Long Island Sound, Raritan Bay, etc.
Season: Daily sessions or in transit, April 15 - November 15

Contact: Hudson River Sloop CLEARWATER
112 Market Street
Poughkeepsie, NY 12601
(914) 454-7673

Cost: $500 and up for 3-hour education sails
$20 for crew/trainee berths
(open only to members)

- replica of a Hudson River sloop bringing a modern message of education, environmental concern, and maritime history. Local clubs add to the fleet with SOJOURNER and OLD FRIEND.

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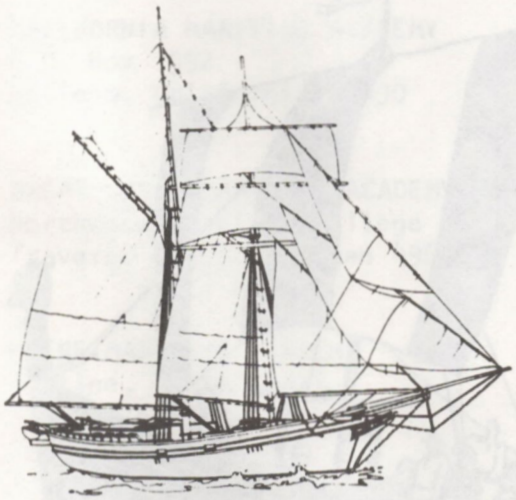
Dayspring

Topsail Schooner



LOA: 93' *LWL: 60'*
Beam: 20' *Draft: 10'*
Tons: 83
Sail Area: 3,300 sq. ft.
Rig Height: 80'
Power: 200 hp Perkins

Homeport: Camden, ME

Waters: Summer - New England - out of Camden, ME
Winter - Caribbean - out of St. Thomas, USVI

Season: Year round

Contact: William & Judith Wasson
P.O. Box 611
Camden, ME 04843
(207) 236-8374

Cost: Per Trainee - $800 per week
Charter Fee - $8,000 per week

- classic tradition and modern comfort are concentrated on only eleven lucky passengers or trainees.

Elissa

Bark

LOA: 202'
BEAM: 28' Draft: 9'
Tons: 430
Sail Area: 12,000 sq. ft.
Rig Height: 102'
Power: None

Homeport: Galveston, TX
Waters: Gulf of Mexico
Season: April - November

Contact: Galveston Historical Foundation
P.O. Drawer 539
Galveston, Texas 77553
(409) 765-7834

Cost: Must complete volunteer period

- the miracle restoration of this 1877 barque brings out the best of Galveston's history--under sail and for shoreside visitors.

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Fyrdraca'

Square Rig

LOA: 32' LWL: 29'
Beam: 9' Draft: 2'
Tons: 6
Sail Area: 240 sq. ft.
Rig Height: 24'
Power: None

Homeport: Oakley, MD
Waters: Chesapeake Bay
Season: March - November

Contact: Longship Company, Ltd.
Oakley Farm
Avenue Post Office, MD 20609
(301) 769-2627

Cost: Membership Only - Students $30 per year
Regular $60 per year

- on this replica of a small Ninth Century warship members go back in time to relive Viking life under sail and at port visits and pageants.

Gazela of Philadelphia

Barkentine

LOA: 177'10" *LWL: 135'*
Beam: 27' *Draft: 17'6"*
Tons: 299
Sail Area: 8,910 sq. ft.
Rig Height: 93'4"
Power: 180 bhp, Diesel

Homeport: Philadelphia
Waters: Atlantic
Season: April - October (underway)
October - April (dockside)

Contact: Philadelphia Ship Preservation Guild
Port of History Museum
Delaware Avenue and Walnut Street
Philadelphia, Pennsylvania 19106

Cost: Inquire

- formerly GAZELA PRIMEIRO, was a 1886 Portuguese Grand Banks fishing vessel, now carrying the City of Brotherly Love's message to international ports and "Tall Ships" celebrations.

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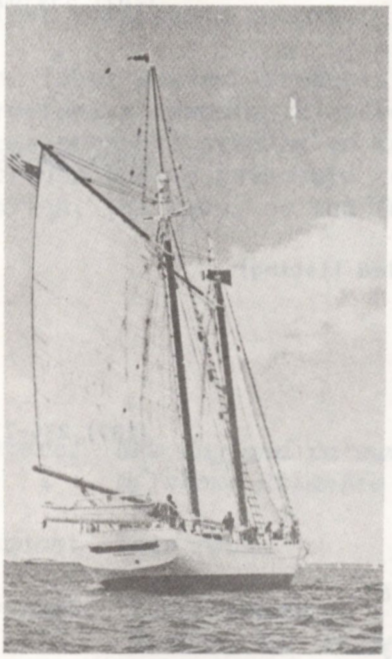
Harvey Gamage



Schooner

LOA: 115' *LWL: 80'*
Beam: 23'7" *Draft: 9'7"*
Tons: 129
Sail Area: 4,200 sq. ft.
Rig Height: 91'
Power: 120 hp Diesel

Homeport: St. Thomas; Rockland, ME
Waters: Atlantic Coast: New England - summer
Caribbean - winter

Season: Year round

Contact: Dirigo Cruises
39 Waterside Lane
Clinton, CT 06413
(203) 669-7068

Cost: $410 per week, $3,800 per college quarter

- a seagoing college, pleasant passenger cruiser, youth training ship, or heritage center . . . "all of the above" win praise for this schooner.

Maine Schooner

Adventure

Captain Alan Talbot
Yankee Schooner Cruises
Box 696
Camden, Maine 04843 (207) 236-5559

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Angelique

Gaff Ketch
LOA: 95' LWL: 83'7"
Beam: 23'7" Draft: 11'
Tons: 100
Sail Area: 5,129 sq. ft.

Captain Michael Anderson
Box 736
Camden, Maine 04843 (207) 236-8873

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Dayspring

(please see p. 43 for detailed listing)

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Heritage

Captains Doug and Linda Lee
Box 482-A
Rockland, Maine 04843 (207) 594-8007

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Isaac H. Evans

Captain Ed Glaser
Box 482-A
Rockland, Maine 04843 (207) 594-8007

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J. & E. Riggin

Captain Dave Allen
Box 571-B
Rockland, Maine 04841 (207) 594-2923

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Lewis R. French

(please see p. 46 for detailed listing)

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Mary Day

Captain H. S. Hawkins
Box 798-E
Camden, Maine 04843 (207) 236-2750

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Mistress Mattie Mercantile

Schooners
LOA: 40-80'
Beam: 12-22' Draft: 5-8'
Tons: 12-59
Sail Area: 1,500-3,500 sq. ft.

Captain Les Bex
Maine Windjammer Cruises, Inc.
Box 617
Camden, Maine 04843 (207) 236-2938

Fleet

Nathaniel Bowditch

Captain Gib Philbrick
Box Y
Harborside, Maine 04642 (207) 236-4098

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Roseway

Captain Jim Sharp
Yankee Schooner Cruises
Box 696
Camden, Maine 04843 (207) 236-5559

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Stephen Taber

(please see p. 57 for detailed listing)

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Sylvina W. Beal

Knockabout Schooner
LOA: 78' LWL: 70'
Beam: 17'1" Draft: 8'8"
Tons: 47
Sail Area: 1,980 sq. ft.

Captain John D. Worth
SYLVINA W. BEAL Cruises
Box 509
Belfast, Maine 04915 (207) 548-2922

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Timberwind

Schooner
LOA: 70' LWL: 61'6"
Beam: 19' Draft: 10'
Tons: 85
Sail Area: 2,400 sq. ft.

Captain Bill Alexander
Schooner TIMBERWIND
Box 247
Rockport, Maine 04856 (207) 236-9063

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Victory Chimes

Three-masted Schooner
LOA: 132' LWL: 128'
Beam: 24' Draft: 8'4"
Tons: 208.48
Sail Area: 6,000 sq. ft.

Captain Frederick B. Guild
Maine Coast Cruises (207) 326-8856
Box 368-M *or*
Rockland, Maine 04841 (207) 596-6060

Lewis R. French

Schooner

LOA: *LWL: 65'*
Beam: 19' *Draft: 8'*
Tons: 50
Sail Area: 3,000 sq. ft.
Rig Height: 79'
Power: None

Homeport: Rockland, ME
Waters: Cape Elizabeth to Cape Wash, ME
Season: Memorial Day - October 1

Contact: Captain John C. Foss
Box 482
Rockland, ME 04841

Cost: $235-$400 per trainee
Three days to two weeks

- built in 1871, this oldest surviving Maine schooner carrying passengers also offers memorable windjamming adventures to training groups (up to 22).

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Marine Sciences Under Sail

Sloops, Ketches, Yawls
(in a flotilla of up to 5 boats --private, donated, or on loan)

LOA: range from 28' to 52'
Draft: Shoal

Waters: Florida Keys, Gulf of Mexico, Caribbean
Season: Year-round

Contact: Ned Webster
Marine Sciences Under Sails
Box 3994
Hollywood, Florida 33023
(305) 983-7015

Cost: Inquire

- a non-profit marine education association for youth and adults in the sea and coastal zone which provides opportunities for land-based coastal studies and for study-cruises to islands and countries in the Atlantic and Caribbean.

Meka II

Brigantine

LOA: 54' LWL: 34'
Beam: 12'6" Draft: 7'
Tons: 19
Sail Area: 1,350 sq. ft.
Rig Height: 43'
Power: Diesel

Homeport: Beaufort, NC
Waters: North Carolina and north - summer
Florida and Caribbean - winter
Season: Summer and winter

Contact: Sinbad
Pirate-Privateer School
P.O. Box 705
Beaufort, NC 28516
(919) 728-7123

Cost: $80/trainee/day (5 trainees) Cruises vary in length depending on location.

- "followin' in th' wake o' great pirates an' privateers" while covering practical seamanship and navigation in hands-on adventure.

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Minnie V.

Skipjack

LOA: 69' LWL: 45'
Beam: 16' Draft: 3'
Tons: 12

Homeport: Baltimore, MD
Waters: Patapsco River
Season: May through September

Contact: Robert Keith
Ocean World Institute, Inc.
831 South Bond Street
Baltimore, MD 21231
(301) 522-4214

Cost: $300 per day, $150 per half day for school groups up to 24 persons

- Chesapeake oystering traditions and sail training for groups underway on this historic restoration.

Norfolk Rebel

Gaff-rigged Schooner

LOA: 46' *LWL: 44'9"*
Beam: 12' *Draft: 5'*
Rig Height: 65'
Power: Diesel

Homeport: Norfolk, VA
Waters: Atlantic
Season: June - September

Contact: Rebel Marine Service
1553 Bayville Street
Norfolk, Virginia 23503
(804) 588-6022

Cost: Inquire

- Captain Brigg's "tugantine" is a favorite flagship for sail-assisted working vessels, credited with a "circumnavigation of Virginia," with sail training and "Tall Ships" events along the way in 1984.

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Perseverance

Pinkie Schooner

LOA: 37' *LWL: 26'*
Beam: 9' *Draft: 4'*

Homeport: Rockport, Maine
Waters: Maine
Season: June - September

Contact: Lance R. Lee, Director
The Rockport Apprenticeshop
Sea Street
Rockport, Maine 04856
(207) 236-6071

Cost: Inquire

- the traditions of quality wooden boatbuilding -- and sailing -- are highlighted on Lance Lee's new pride and joy.

Phoenix

Schooner

LOA: 70' LWL: 48'
Beam: 16' Draft: 5'6"
Tons: 50
Sail Area: 1,300 sq. ft.
Sail Number: APL
Rig Height: 50'
Power: 80 hp Diesel

Homeport: Port Jefferson, NY
Waters: Long Island Sound
Season: March through November

Contact: Captain Greg Brazier
Atlantic Packet Lines
Box 204, Bayles Dock
Port Jefferson, NY 11777
(516) 331-1171 or (516) 751-1638

Cost: $200 for 4 hours for up to 30 people
$10 one-way across Long Island Sound ($5 under 12)

- running a regular daily cargo and passenger route from Long Island to Connecticut, with training along the way.

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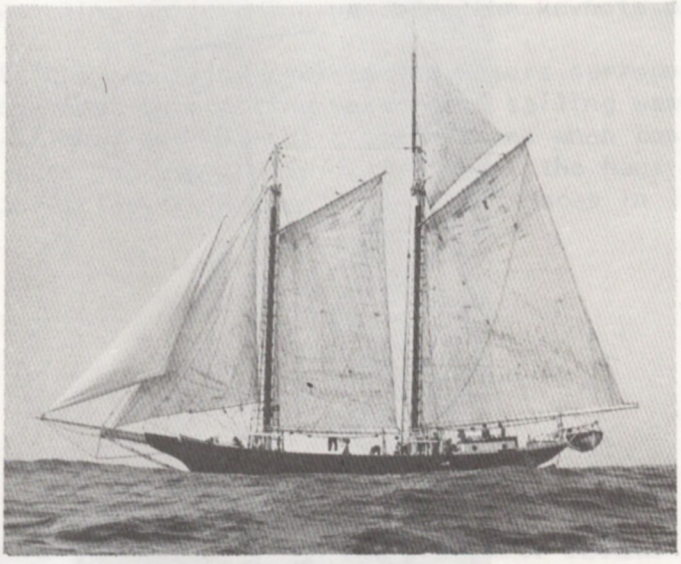
Pioneer



Schooner

LOA: 102' LWL: 56'6"
Beam: 21' Draft: 4.8'
Tons: 43
Sail Area: 3,000
Sail Number: 4
Rig Height: 61'9"
Power: Diesel, BHP 65

Homeport: New York City
Waters: New York Harbor
Season: May - October

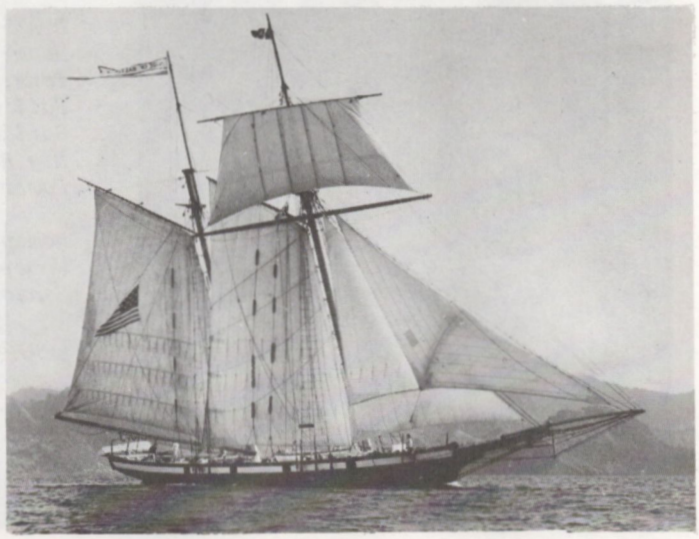
Contact: South Street Seaport Museum
207 Front Street
New York, NY 10038
(212) 669-9400

Cost: Inquire

- South Street's only active sailing vessel, day sailors get to help the Captain's volunteer crew on "City Edges" and other educational tours of New York Harbor.

Pride of Baltimore

Topsail Schooner



LOA: 136' LWL: 77'
Beam: 23' Draft: 10'
Tons: 121
Sail Area: 9,523 sq. ft.
Rig Height: 106'
Power: 85 hp Diesel

Homeport: Baltimore, MD
Waters: Atlantic, Gulf coasts, Caribbean, Great Lakes, Pacific
Season: Year round

Contact: Director, Gail Shawe
PRIDE OF BALTIMORE, Inc.
100 Light Street
Baltimore, MD 21202
(301) 625-5460

- world-ranging ambassador of Baltimore's renaissance -- another in a long line of clippers.

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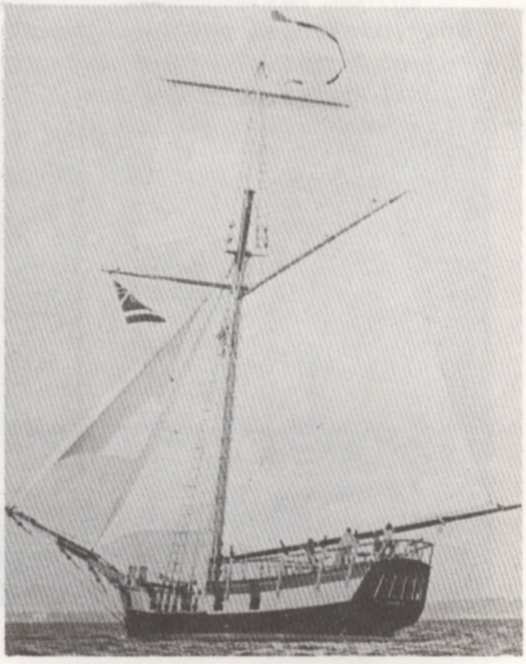
Providence

Topsail Sloop



LOA: 110' LWL: 59'
Beam: 20' Draft: 10'6"
Tons: 68
Sail Area: 3,470 sq. ft.
Rig Height: 96'10"
Power: 170 hp Biesel

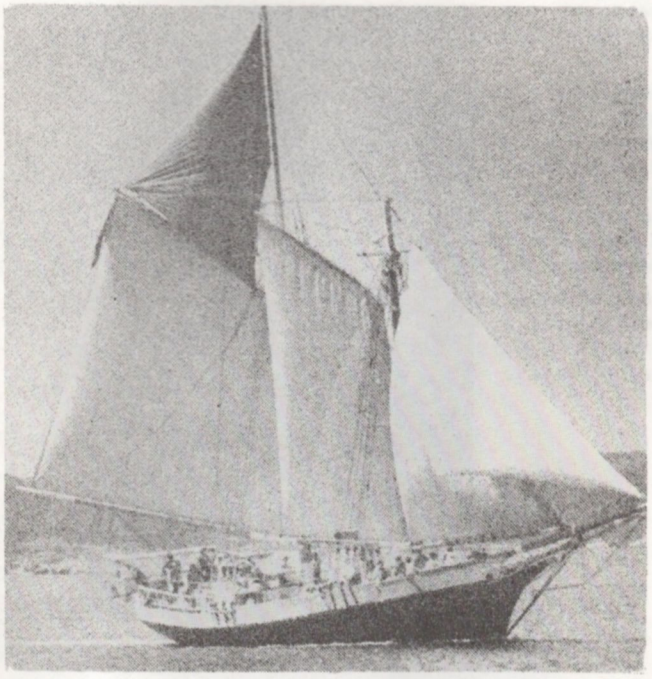
Homeport: Newport, RI
Waters: Narragansett Bay, New England and mid-Atlantic coast
Season: June - October

Contact: Seaport '76 Foundation
Box 76
Newport, RI 02840
(401) 846-1776

Cost: $350 per week,
$500 per group for half-day sail

- replica of John Paul Jones' first command, this sloop carries trainees and good will from Newport to a variety of Eastern Seaboard and Great Lakes ports.

Rachel and Ebenezer



Schooner

LOA: 105' LWL: 60'
Beam: 19' Draft: 9'
Tons: 73
Sail Area: 2,300 sq. ft.
Rig Height: 75'
Power: 120 hp Diesel

Homeport: New York, NY
Waters: Long Island and Block Island - summer
Virgin Islands - winter
Season: Year round

Contact: Dirigo Packet Co.
39 Waterside Lane
Clinton, CT 06413
(203) 669-7068

Cost: Inquire above

- a comfortable, traditional schooner at home with passengers or groups for sail training.

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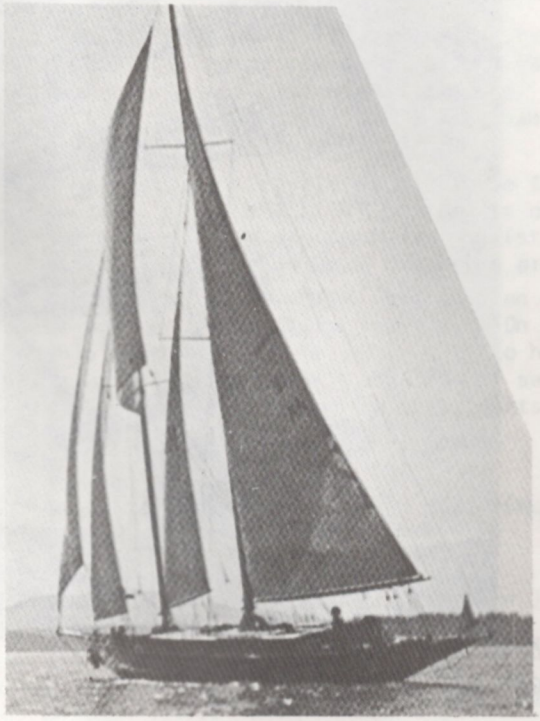
Red Jacket



Staysail Schooner

LOA: 72' LWL: 50'
Beam: 14' Draft: 8.5'
Tons: 22
Sail Area: 2,000 sq. ft.
Sail Number: AA18
Rig Height: 72'
Power:

Homeport: Port Townsend, WA
Waters: Puget Sound, San Juan Island
Season: May-October

Contact: Pacific Clipper Cruises
P.O. Box 243
Port Townsend, WA 98368
Captain William Curry
Director: Helen de Grooth

Cost: Inquire

- in addition to summer vacation cruises, special interests in marine science, art, and photography -- as well as cruising and seamanship -- courses are offered.

Richard Robbins

Schooner

LOA: 80' LWL: 50'
Beam: 19' Draft: 5'
Tons: 54
Rig Height: 50'
Sail Area: 2,500 sq. ft.
Power: 85 hp Diesel Perkins

Homeport: Alpine, NJ
Waters: Hudson River, Raritan Bay
Season: May - October

Contact: Classic Sail Windjammer Co., Inc.
P.O. Box 340
River Edge, NJ 07661
(201) 265-9510

Cost: $149 per 2 days, 2 nights
$249 per 4 days, 4 nights

- built to work in New Jersey in 1902, the schooner offers passengers and training groups weekend and four-day cruises along the Hudson, around New York Harbor, in the Raritan Bay, and off Sandy Hook.

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Romance

Brigantine

LOA: 90' LWL: 70'
Beam: 22' Draft: 8'
Tons: 88
Sail Area: 4,480 sq. ft.
Sail Number: 16
Rig Height: 75'
Power: 150 hp B&W Alpha Diesel

Homeport: St. Thomas, VI
Waters: Caribbean, with periodic offshore voyages (including around the world)
Season: November through August

Contact: Kimberley Cruises
Box 5086
St. Thomas, VI 00801
(809) 774-4811
Captain and Mrs. Arthur Kimberley

Cost: From $450 per week - discounts to groups of 16 to 20
Apprentices, 1/2 to 2/3 off, depending on length of stay

- the Kimberleys' warm welcome keeps passengers and training groups happy cruising under sail -- whether ranging around-the-world or in favorite Caribbean waters.

Sea Lion

Square-rig, three masted

LOA: 63' LWL
Beam: 13' Draft: 7'
Tons: 60
Sail Area: 1,300 sq. ft.
Rig Height: 58'

Homeport: Mayville, NY
Waters: Chautauqua Lake

Contact: Sea Lion Project, Ltd.
RD, One Sea Lion Drive
Mayville, NY 14757
(716) 753-2403

Cost: Inquire Above

- a recently-launched replica of an English Sixteenth Century merchant sailing vessel, built with antique tools and traditional methods which include details like woven flax sails, which will soon be thrilling passengers underway on Lake Chautauqua.

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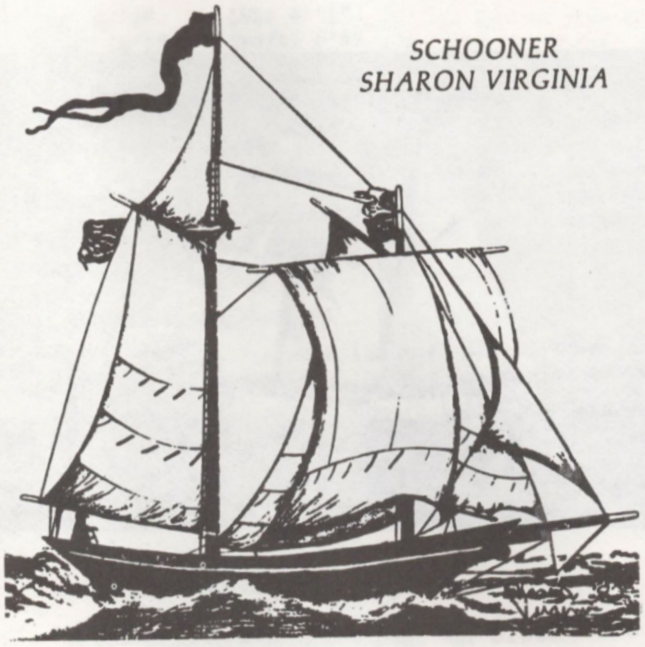
Sharon Virginia



SCHOONER
SHARON VIRGINIA

Schooner

LOA: 76' LWL: 47'
Beam: 15'6" Draft: 6'2"
Tons: 35
Sail Area: 1,600 sq. ft.
Rig Height: 55'
Power: Diesel

Homeport: Deltaville, Va
Waters: Chesapeake Bay, Florida
Season: Year round

Contact: Working Sail, Inc.
Box 560
Deltaville, VA 23043
(804) 282-2796
Captain J.L. Spivey

Cost: Inquire Above

- trainees are paid to help operate this for-profit coastwise trader.

Sheila Yeates

Gaff-rigged Ketch

LOA: 66' LWL: 43'
Beam: 15' Draft: 6'2"
Sail Area: 1,350 sq. ft.

Homeport: Grand Portage, MN
Waters: Lake Superior
Season: June - September

Contact: SHEILA YEATES
c/o Mr. Timothy Carlson
901 Marshall Street, N.E.
Minneapolis, MN 55413
(612) 379-9690

Cost: $325 per week

- celebrations in Halifax and Quebec brought eager trainees from the Great Lakes to international "Tall Ships" events in both 1976 and 1984. Further ventures are being charted -- as well as training on Lake Superior.

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Shenandoah

Topsail Schooner

LOA: 108' LWL: 100'
Beam: 23' Draft: 11'
Tons: 85
Sail Area: 7,000 sq. ft.
Rig Height: 94'

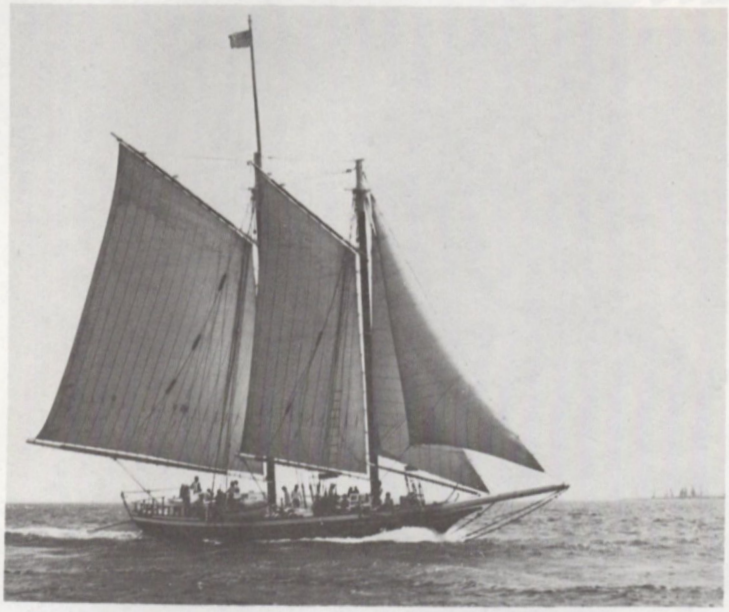
Homeport: Vineyard Haven, MA
Waters: Long Island - Nantucket
Season: Mid-June through mid-September

Contact: Coastwise Packet Co., Inc.
Box 429
Vineyard Haven, MA 02568
(617) 693-1699

Cost: $450 per week, or as arranged for youth groups off season

- the familiar profile of this traditional schooner is a favorite of passengers and youth training groups.

Stephen Taber



Gaff Schooner

LWL: 68'
Beam: 22'6" Draft: 5'
Tons: 50
Sail Area: 3,300 sq. ft.

Homeport: Camden, ME
Waters: Gulf of Maine,
Schoodic Point to Halfway Rock
Season: June through early October

Contact: Captain Ken and Ellen Barnes
70 Elm Street
Camden, ME 04843
(207) 236-3520

Cost: From $360 to $425 per week,
depending on the time of year

- the oldest documented sailing vessel in continuous service in the United States, now in the passenger trade; the Captain and his wife (both former teachers) regard sailing as a "hands on" type of experience and encourage participation.

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Vernon Langille

Two-masted Schooner

LOA: 36' LWL: 28'
Beam: 9'8" Draft: 4'

Designer: Traditional Design
Tancook Whaler
Built: 1979, Bath, ME
Builder: The Apprenticeshop

Homeport: Bath, ME
Waters: Maine coast
Season: June through September

Contact: The Apprenticeshop
Maine Maritime Museum
375 Front Street
Bath, Maine 04530
(207) 443-5638

- built by apprentice boatbuilders in Bath; now carries trainees, preserving traditional sailing techniques with an historic rig.

Voyager

Schooner

LOA: 65' LWL: 60'
Beam: 20' Draft: 8'
Tons: 63
Sail Area: 2,200 sq. ft.
Rig Height: 82'
Power: GMC 2-71 Diesel

Homeport: Mystic, CT
Waters: Southern New England, New York
Spring-summer-fall
Season: May - November for sail training

Contact: Captain Frank Fulchiero
Voyager Cruises
Steamboat Wharf
Mystic, CT 06355
(203) 536-0416

Cost: $50-$80 per person per day
$750-$2,000 per day, 1 to 7 day cruises

- vacation cruises keep passengers happy while environmental studies and sail training trips welcome eager trainees and groups.

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Welcome

Gaff Topsail Sloop

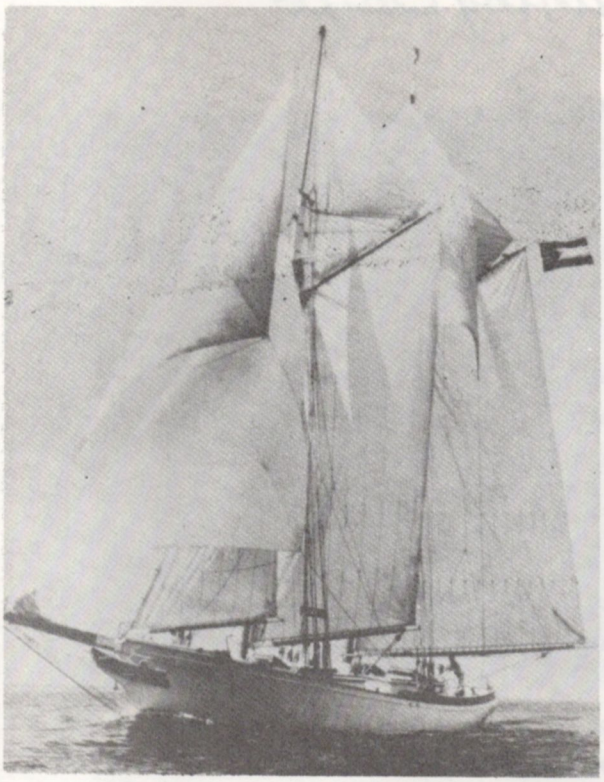
LOA: 55'
Beam: 16' Draft: 6'
Tons: 65
Rig Height: 73'
Power: Diesel

Homeport: Mackinaw City, MI
Waters: Great Lakes
Season: Summer

Contact: Mr. Victor Hogg, Director of Marketing
Mackinaw Island State Park Commission
5/15-10/15 - Box 873, Mackinaw City, MI 49701
10/15-5/15 - Box 30028, Lansing, MI 48909
Summer - (616) 436-5563
Winter - (517) 373-1319

Cost: Inquire Above

- sailing this 1774 British armed sloop makes maritime heritage come alive for Great Lakes visitors with sail training programs "pending."



William H. Albury

Gaff Schooner
Official Bahamas Tall Ship

LOA: 70' LWL: 56'
Beam: 16' Draft: 6'
Tons: 54
Sail Area: 2,100 sq. ft.
Sail Number: US-TS 76
Rig Height: 65'
Power: 150 bhp GM 453

Homeport: Abaco, Bahamas
Waters: Bahamas-winter
Boothbay Harbor, Maine
Summer
Season: Year round

Contact: Inter-Island Schooner and Trading Co.
Dinner Key Marina
Coconut Grove, FL 33133
Captain Joseph Maggio
(305) 858-6264

Cost: $650 per week (groups by arrangement)

- official Bahamas "Tall Ship", offering sail training and vacation cruises -- mostly in the Caribbean, but venturing north for international programmes.

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Windsong

Staysail Schooner

LOA: 55' LWL: 34'10"
Beam: 13'6" Draft: 7'1"
Tons: 20
Sail Area: 1,330 sq. ft.
Sail Number: T.S.
Rig Height: 54'6"
Power: 80 BHP, Diesel

Designer: John Appelt
Built: 1938, Greenport, NY
Builder: John Appelt
Construction: Wood

Homeport: New York
Waters: Chesapeake, New England coast and South Atlantic

Season: May-June/October-November - Chesapeake
July-September - New England coast
December-April - South Atlantic

Contact: Schooner WINDSONG
P.O. Box 1418
Sarasota, FL 33578
(800) 638-5139
Captains Colin & Karen Day

Cost: Trainees - $75 per day

- with the Days' warm welcome and well-planned personalized instruction, WINDSONG invites up to four passengers or trainees to enjoy "a sailing odyssey." Cruises are tailored to highlight your interests: oceanography, biology, sea chanteys, arts, advanced cruising, and -- of course -- basic sailing and seamanship.

Part-Time Sail Training Ships Not Pictured

ALASKA EAGLE
Coast Sailing Academy
P.O. Box 5005
Costa Mesa, California 92626
(714) 432-0202
Mr. Brad Avery

APPLEDORE I
86' Schooner
Drawer P
Montauk, New York 11954
Mr. Cornelius Donovan

AQUARIUS (ex. TeQuest)
175' Schooner
P.O. Box 5928
Sarasota, Florida 34277
Captain James Stoll

BELLE BLONDE
165' Brigantine
3140 Wessex Close
Victoria, British Columbia
Canada
Captain Claude Lacerte

CRICKET
50' Sloop
Four Winds/Westward Ho
3122 Goshen Road
Bellingham, Washington 98225
(206) 592-5908
Captain John Clark

DISCOVERY
Swashbucklers
6562 Dohm Circle
Huntington Beach, California 92647

ELIZABETH II
70' Barque
P.O. Box 155
Manteo, North Carolina 27954
Captain Horace Whitfield

FRANCESCA
894 Coach Way
Annapolis, Maryland 21401
Captain Glenn Kovar

GODSPEED
68' Barque
Jamestown-Yorktown Foundation
P.O. Box JF
Williamsburg, Virginia 23187
(804) 253-4838
Attention: Crew Selection Committee

GOODEWIND
58' Ketch
Awahnee Oceanic, Inc
P.O. Box 167
Captain Cook, Hawaii 96704
Captain and Mrs. Griffith

HOMER W. DIXON
P.O. Box 787
Burlington, Vermont 05402
(802) 862-6918
Captains Doug Greason & Pegeen Mulhern

INDIGO
Maine Coast Horizons
Box 245-A
Brooksville, Maine 04617
Mr. Roger Brainerd

INVADER
1066 North Harbor Drive
San Diego, California 92101

KAJAK
40' Yawl
P.O. Box W, Kingshill
St. Croix, Virgin Islands 00850
(809) 778-1550
Captain Sean Rafter

MARYLAND DOVE
65' Replica/17th Century Pinnace
St. Mary's City Commission
St. Mary's, Maryland 20686

MYSTIC WHALER and MYSTIC CLIPPER
Out o' Mystic Schooner Cruises
Box 487
Mystic, Connecticut 06355
(203) 536-4218

NORFOLK
Skipjack
City of Norfolk
City Hall, Room 801
Norfolk, Virginia 23501
Mr. Timothy L. Jones

PARAGON
38' Sloop
Seatrek Hawaii
Box 1585
Kaneohe, Hawaii 96744
Captain Doug Pendleton

PHOTON
1503½ Nathan Hunt Road
Greensboro, North Carolina 27410
(919) 852-8569
Captain Dan McGehee

SAKOOSE II
Ketch
B/G Associates
P.O. Box 25
Lancaster, Ontario K0C 1N0
Canada
(514) 694-5878
Captain Blair D. Wilson

SPIRIT OF MASSACHUSETTS
165' Schooner
New England Historic Seaport
Building 10, Charlestown Navy Yard
Boston, Massachusetts 02129
(617) 242-1414
Mr. Henry Dormitzer

SYLVIA
P.O. Box 643
Bellingham, Washington 98227
Captain Les Bolton

TEHANI
54' Gaff-rigged Schooner
11 Stanton Street
Northport, New York 11568
Commander Icarus Pyros

TRADITION II
Schooner
B/G Associates
P.O. Box 25
Lancaster, Ontario K0C 1N0
Canada
(514) 694-5878
Captain Guy de Puyjalon

ZODIAC (ex. California)
239 Thirty-ninth East
Seattle, Washington 98112
Captain Tim Mehrer

The Fleet in Review...
Private Yachts

	Open to Trainees	Owner Homeport	LOA	Rig
BLUE SHADOW		Commodore Henry H. Anderson, Jr. Newport, Rhode Island	47'	Sloop
CHASSEUR		Thomas E. Leonard Chicago, Illinois	40'	Cat Ketch
CHRISTIAN VENTURER	X	Robert R. Doe Somerset, Bermuda	70'	Schooner
COTTON BLOSSOM IV		Dr. Bruce Eissner Marblehead, Massachusetts	71'	Yawl
DEFIANCE		Arthur Collins Stamford, Connecticut	45'	Schooner
DULCINEA		LCol D. C. Escalera, USMC, Ret. Newport, Rhode Island	36'	Sloop
GLAD TIDINGS		Bruce Trembly Belgrade, Maine	55'	Brigantine
J.I. TARTE		Robert I. Perrault Quebec City, Quebec, Canada	72'	Brigantine
Le PAPILLON	X	Tom Lemm/Donna Lyn Benton Baltimore, Maryland	68'	Schooner
MABEL STEVENS	X	Ned Chalker Washington, D.C.	45'	Ketch
SWEET HARMONY		Arthur Kramer New York, New York	41'	Ketch
TAR BABY		Carl Sherman Westbrook, Connecticut	50'	Schooner
WELCOME		Arthur F. F. Snyder Boston, Massachusetts	44'	Gaff Schooner
WHITEHAWK		The Criswells Miami, Florida	92'	Ketch

Le Papillon

Schooner

LOA: 68' LOD: 48'
Beam: 14'
Tons: 26
Sail Area: 1250 sq. ft.
Rig Height: 45'
Power: 30 hp Lister

Designer: Tom Colvin
Built: 1976, Baltimore, MD
Builder: Tom Lemm
Construction: Steel

Homeport: Baltimore, Maryland

LE PAPILLON is a gaff-rigged pinky schooner that serves as home to Tom Lemm and Donna Lyn Benton. Three crew are invited aboard while on passage, contributing to buy food on a break-even basis: Tom and Donna supply the vessel, the crew supplies the food. The program aims to introduce the pleasures and rigors of ocean passage making to adventurous individuals. Depending on itinerary, crew stays aboard as long as sixty days (Panama to Marquesas) -- or as little as four days (Maine to Nova Scotia). Since 1977, LE PAPILLON has sailed over 40,000 miles and carried more than fifty crew.

There is no formal education program other than seamanship required to operate the vessel. Cooking and watchkeeping duties are rotated evenly. There is ample opportunity to learn celestial navigation, improve seamanship, or explore the extensive library aboard.

LE PAPILLON is interested in crew fourteen years or older (no upper age limit set), with or without previous sailing experience.

Waters: World-wide

Season: Year-round

Contact: Tom Lemm/Donna Lyn Benton
c/o Kreer
603 Howard Street
Wilmington, Delaware 19804

Blue Shadow

Sloop

LOA: 44'6"
Beam: 13' *Draft: 5'4"*

Sail Number: M52
Hull Color: Blue

Homeport: Newport, Rhode Island
Owner: Commodore Henry H. Anderson, Jr.

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Cotton Blossom IV

Yawl

LOA: 71'3" *LWL: 49'6"*
Beam: 14'6" *Draft: 9'6"*
Rig Height: 86'

Sail Number: 168
Hull Color: White

Homeport: Marblehead, Massachusetts
Owner: Dr. Bruce Eissner

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Dulcinea

Sloop

LOA: 36'
Beam: 11'5" *Draft: 5'3"*

Sail Number: US 31135
Hull Color: White

Homeport: Newport, Rhode Island
Owner: LCol D. C. Escalera, USMC, Ret.

Glad Tidings

Brigantine

LOA: 55' *LWL: 35'8"*
Beam: 13'6" *Draft: 6'1"*
Rig Height: 56'

Hull Color: Dark Green

Homeport: Belgrade, Maine
Owner: Bruce Trembly

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Mabel Stevens

Ketch

LOA: 45' *LWL: 31'9"*
Beam: 11'6" *Draft: 4'6"*
Rig Height: 45'

Sail Number: TS/US 159
Hull Color: Dark Green

Homeport: Washington, D.C.
Waters: Chesapeake Bay
Season: mid-May through October

Owner: Captain Ned Chalker
119 Fifth Street, N.E.
Washington, D.C. 20002
(202) 543-0110

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APPLEDORE III

Schooner

Captain Herb and Mrs. Doris Smith
(presently circumnavigating)

CHASSEUR

40' Cat Ketch

T. E. Leonard
Grebe Yacht Sales
Chicago, Illinois

CHRISTIAN VENTURER

70' Schooner

Robert R. Doe
Somerset, Bermuda

DEFIANCE

45' Schooner

Arthur Collins
Stamford, Connecticut

J. I. TARTE

72' Brigantine

Robert I. Perrault
Montreal, Quebec, Canada

SWEET HARMONY

41' Ketch

Arthur Kramer
New York, New York

TAR BABY

50' Schooner

Captain Carl Sherman
Westbrook, Connecticut

WANDERBIRD

Schooner

Sausalito, California

WELCOME

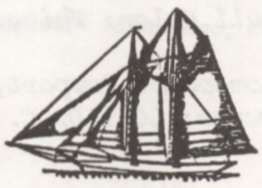
44' Gaff Schooner

Arthur F. F. Snyder
Boston, Massachusetts

WHITEHAWK

92' Ketch

Mr. and Mrs. William T. Criswell
Dallas, Texas 75248



Shoreside Sail Training Programs

ALMA/C.A. THAYER

Friends of ALMA and Historic Ships
680 Beach Street, #330
San Francisco, California 94109

The application of the environmental living approach is part of a larger scheme and educational philosophy which has numerous other organized activities on historic, prehistoric and cultural sites at parks in California and Arizona. These programs are overnight experiences for school-aged children. The emphasis is on achieving understanding through experiencing and doing. Role playing is an important method in helping the students relate the past to themselves.

ELISSA

Galveston Historical Foundation
P.O. Drawer 539
Galveston, Texas 77553

"Explore her decks, lift your eyes skyward and marvel at her towering masts. . . ."

ELISSA, the only restored square-rigger between Baltimore and San Diego, now lives as an operational sailing ship and a maritime museum. Varied tours and programs attract shoreside participants. A volunteer crew, directed by "White Elephant Management" professionals, provides invaluable maintenance services. They celebrate getting underway, under sail, occasionally.

JOSEPH CONRAD

Mariner Program
Mystic Seaport Museum, Inc.
Mystic, Connecticut 06355

Mariners live aboard the square-rigged training ship JOSEPH CONRAD as they learn sailing, seamanship, rowing, navigation, and the arts of the sailor. The emphasis is learning by doing and working together as a crew. Mariners learn to sail using one of our fleet of thirty sailing dinghies, and enjoy tours and evening programs specially created to give a feeling of shipboard and seaport life as it is today and was in the past. There are sessions for both beginners and intermediate sailors. During the six-day summer programs, reveille is at 0630 and lights out at 2200. The CONRAD Program is open to individual boys and girls and organized groups, ages 12 through 17. Cost: $210. Limited scholarships available.

PILGRIM

Orange County Marine Institute
35501 Del Obispo
Dana Point, California 92629

This is an environmental living program. A great deal of emphasis is placed on preliminary training for visiting staff. There are nine different programs, ranging in time span from one hour to three days.

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The Pier

OF NEWPORT

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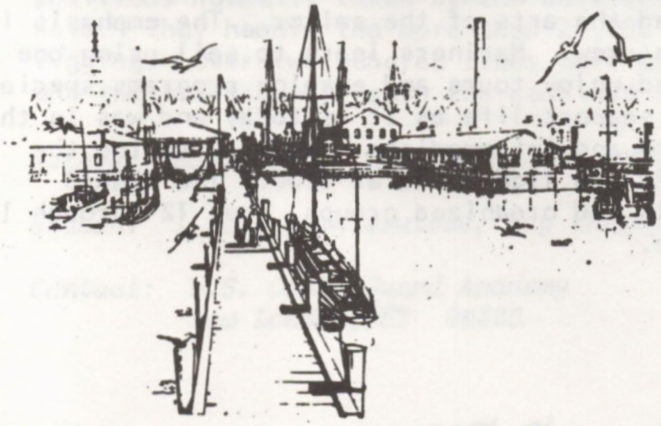

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For Reservations Call 849-3100 or 847-3645

Projects in Progress

BOWDOIN

Schooner BOWDOIN Inter Island Expeditions
P.O. Box 1117
Rockland, Maine 04841
(207) 594-2301

88' Schooner

Rich in history, this vessel was utilized by the late Admiral Donald B. MacMillan on his twenty-six voyages of exploration to the high Arctic. The ship's restorers are currently shifting their emphasis away from that task (with the near completion of this stage) and working on an educational program for the sixty-three-year-old vessel to carry out in future.

Brigantine Project, Inc.
2222 East Third Street
Duluth, Minnesota 55812
(218) 724-2966

65' Steel Brigantine

Still in the early planning stages, the intention of this group is to build a square-rigger for sail training use in the waters of the Great Lakes.

CHALLENGE

(Project Lakewell)
315 West Webster
Muskegon, Michigan 49440

Schooner

Aimed at construction of a replica of an historic Great Lakes Schooner on which to conduct educational programs preserving the rich heritage of, and improving the environment of, Lake Michigan and its shoreline areas.

DIANA CHRIS

Portsmouth Ship Trust
P.O. Box 1303
Portsmouth, New Hampshire 03801
(603) 436-0439

110' Iron Ketch

Work is being planned to convert this ship, built in Holland in 1907, to a barquentine intended for training thirty cadets at a time. Anticipated that she will also serve as a "good will" ambassador for Portsmouth, New Hampshire.

Pacific Tall Ships Association
14 Sea Village, Granville Island
Vancouver, British Columbia V6H 3R9 Canada
Mr. and Mrs. Stanley Burke

Planning to build a brigantine for use as a training ship in the waters of the Pacific Northwest.

PETER M. ATWOOD

Keene State College
Keene, New Hampshire 03401
Mr. Keith V. King

Sassafras Packet, Inc.
P.O. Box 31
Cecilton, Maryland 21913
Mr. Myron Arms

Formerly operated 60' staysail schooner in full-time sail training program; plans call for a return to this work in 1986 -- following completion of current circumnavigation.

YOUNG AMERICA

Young America Marine Education Society
Historic Gardner's Basin
Atlantic City, New Jersey 08401
(609) 348-2880

130' Brigantine

As one of a rare breed of American built square-riggers still under sail today, this ship has often been used for sail training in the past. Currently undergoing renovation with the intention of returning to an even more extensive educational program in the near future.

KIRBY, INC.

Marine Insurance Specialists

41 Bellevue Avenue
Newport, Rhode Island 02840
(401) 846-1113

Jerome R. Kirby
Patrick G. Kirby
Kevin J. Kirby
Matthew O. Kirby

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(401) 846-8410

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Middletown, Rhode Island 02840
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HONDA

The Fleet in Review...

International Tall Ships

Sloop

Yawl

Ketch

Schooner

Topsail Schooner

Brigantine

Brig

Barquentine

Barque

Full-rigged Ship

	Owner	Trainees	Non-Government	LOA	Rig
AMERIGO VESPUCCI	Italian Navy	150		333'	Ship
AMORINA	Sweden/ J. Hagenfeldt	24	X	159'	Barquentine
ASGAARD a DO	Ireland/ Ministry of Defence	12		88'	Brigantine
BREEZE	New Zealand/ Breeze Sailing Club	10	X	60'	Brigantine
CHRISTIAN RADICH	Norway/ Ostlandets Skoleskib	88		241'	Ship
CIUDAD de INCA	United Kingdom/ China Clipper Society	24	X	125'	Barque
CREOLE	Denmark/ Nyborg Søfartsskole	37		215'	Staysail Schooner
DANMARK	Denmark/ Directorate of Maritime Education	80		245'	Ship
DAR MLODZIEZY	Polish Merchant Navy Academy	130		369'	Ship
DEWARUTJI	Indonesian Navy	78		191'	Barquentine
EYE of the WIND	United Kingdom/ Operation Drake *(charter)*	20	X	132'	Brigantine
EUGENE EUGENIDES	Greek Merchant Navy	70		195'	Topsail Schooner
GALATEA	Spanish Navy	150		310'	Barque
GEORG STAGE	Denmark/ Stiftelsen Georg Stage	60	X	135'	Ship
HENRYK RUTKOWSKI	Polish Yachting Association	15	X	82'	Brigantine
ISKRA II	Polish Navy	45		140'	Barquentine
JADRAN	Yugoslav Navy	132		190'	Topsail Schooner
JI FUNG	Hong Kong/ Outward Bound Trust	25	X	132'	Brigantine
JUAN SEBASTIAN de ELCANO	Spanish Navy	210		352'	Topsail Schooner
KAIWO MARU	Japan/ Institute for Sea Training	82		318'	Barque
KALIAKRA	Bulgarian Merchant Marine	24		140'	Barquentine
KRUZENSHTERN	U.S.S.R./ Ministry of Fisheries	160		378'	Barque
MIRCEA	Romanian Navy	143		268'	Barque
NEW ENDEAVOR	Australian Sail Training Association	24	X	105'	Barquentine
NIPPON MARU	Japan/ Institute for Sea Training	120		360'	Barque
OUTLAW	West Germany/ Jugendschiff Corsar	18	X	108'	Brigantine
PALINURO	Italian Navy	50		226'	Barquentine
POGORIA	Polish Yachting Association	30	X	154'	Barquentine
ROYALIST	United Kingdom/ Royal Sea Cadets	12		77'	Brig
SAGRES	Portuguese Navy	105		298'	Barque
SEA CLOUD	West Germany/ Messr. Liedtke et. al.	25	X	330'	Barque
SEDOV	U.S.S.R./ Ministry of Fisheries	150		385'	Barque
SOREN LARSEN	United Kingdom/ Jubilee Sailing Trust *(charter)*	25	X	105'	Brigantine
SØRLANDET	Norway/ City of Kristiansand	70	X	216'	Ship
SPIRIT OF ADVENTURE	New Zealand/ Spirit of Adventure Trust	27	X	104'	Brigantine
STATSRAAD LEHMKUHL	Norway/ Bergens Skoleskib	180	X	321'	Barque
TOVARISHCH	U.S.S.R./ Merchant Navy	135		270'	Barque
VARUNA	Indian Navy	12		76'	Brig
WILHELM PIECK	East Germany/ Gesellschaft fur Sport und Technik	35		164'	Brigantine

International Organizations

AKADEMISCHER SEGLER-VEREIN
Scharfe Lanke 57-61
1 Berlin 20
West Germany

APORVELA
Museu de Marinha
Praca do Imperio
1600 Lisboa
Portugal

ASSOCIATION OF SEA TRAINING ORGANIZATIONS
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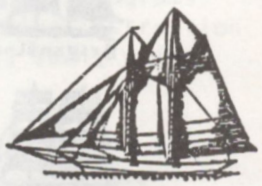

Index of Organizations

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(*Vernon Langille*, see p. 59)

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(*Esperanza*, see p. 16)

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(*Libertad* et. al., see p. 23)

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(*Esmeralda*, *Blanca Estela*, see p. 15)

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(*Alaska Eagle*, see p. 62)

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(*Gloria*, see p. 18)

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(see p. 20)

KEENE (N.H.) STATE COLLEGE
(*Peter M. Atwood*, see p. 69)

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(*TeVega*, *When and If*, see p. 22)

MAINE MARITIME ACADEMY
(*Middie's Pride*, see p. 34)

MARINE SCIENCES UNDER SAIL
(see p. 48)

MASSACHUSETTS MARITIME ACADEMY
(*Arion*, *Windlass*, see p. 34)

MEXICAN NAVY
(*Cuauhtemoc*, see p. 12)

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(*Brilliant*, *Joseph Conrad*, see pp. 25, 67)

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((*Black Pearl*, see p. 43)

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(*Spirit of Massachusetts*, see p. 62)

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(*Rambler*, see p. 26)

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(see p. 69)

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(*Gazela of Philadelphia*, see p. 47)

PROJECT LAKEWELL, INC. (see p. 69)

THE ROCKPORT APPRENTICESHOP
(*Perseverance*, see p. 53)

ROYAL CANADIAN NAVY
(*Oriole*, see p. 27)

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(*Robertson II*, *Spirit of Chemainus*, see p. 28)

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(*J.N. Carter*, see p. 21)

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(*Westward*, see p. 39)

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(see p. 29)

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(*Pioneer*, see p. 54)

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(*Geronimo*, see p. 17)

STATE UNIVERSITY OF NEW YORK (see p. 34)

TABOR ACADEMY
(*Tabor Boy*, see p. 32)

TEXAS MARITIME ACADEMY (see p. 34)

TORONTO BRIGANTINES
(*Pathfinder*, *Playfair*, see p. 33)

U.S. COAST GUARD
(*Eagle*, see p. 13)

U.S. MERCHANT MARINE ACADEMY (see p. 34)

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(see p. 37)

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(*Capitan Miranda*, see p. 10)

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(*Simon Bolivar*, see p. 30)

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(*Western Union*, see p. 38)

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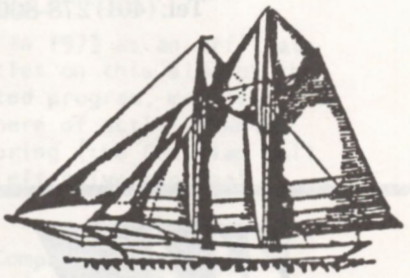
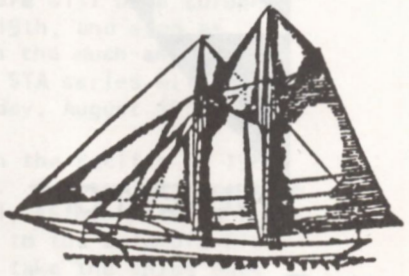
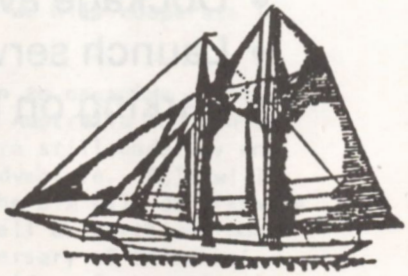
(*Adventuress*, see p. 8)







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Index of Ships

ADVENTURE 46
ADVENTURESS 6
ALASKA EAGLE 60
ALEXANDRIA 40
ALLIANCE 35
ALMA 65
ANGELIQUE 46
APPLEDORE I 60
APPLEDORE III 64
AQUARIUS 60
ARGUS 28
ARION 33
ATLANTAS 7

BAY BEAR 35
BEHEMOTH 40
BELLE BLONDE 60
BERNICE J 38
BILL of RIGHTS 41
BLACK PEARL 41
BLANCA ESTELA 14
BLUENOSE II 42
BLUE SHADOW 63
BOWDOIN 67
BRILLIANT 23

CALIFORNIAN 8
CANVASBACK 42
CAPITAN MIRANDA 9
C.A. THAYER 65
CENTAURUS 35
CHALLENGE 67
CHASSEUR 64
CHIEF APTAKISIC 28
CHESAPEAKE 35
CHRISTIAN VENTURER . . . 64
CISNE BRANCO 10
CLEARWATER 43
CONQUEST 35
COTTON BLOSSOM IV . . . 63
CRICKET 60
CUAUHTEMOC 11
CYANE 35

DAYSPRING 43
DEFIANCE 64
DEN STORE BJORN 38
DISCOVERY 60
DOLPHIN 35
DOWNWIND 35
DULCINEA 63

EAGLE 12
ELISSA 44, 65
ELIZABETH II 60
ERNESTINA 13
ESMERALDA 14
ESPERANZA 15
ESPRIT de CORPS 35

FORTUNA 22
FORTUNA II 22
FRANCESCA 60
FYRDRACA 44

GALLEON'S LAP 28
GAZELA of PHILADELPHIA . 45
GERONIMO 16
GERONIMO 35
GLAD TIDINGS 64
GLORIA 17
GODSPEED 60
GOODEWIND 60
GUAYAS 18
GYPSY QUEEN 38

HARVEY GAMAGE 45
HERMES 35
HOMER W. DIXON 60

INDIGO 60
INTREPID 35
INVADER 60
ISAAC H. EVANS 46

J & E RIGGIN 46
J.I. TARTE 64
J.N. CARTER 20
JOANA I 38
JOSEPH CONRAD 65
JUST SO 35

KAJAK 60

LADY FREI 33
Le PAPILLON 62
LEWIS R. FRENCH 48
LIBERTAD 22
LOTUS 28

MABEL STEVENS 64
MAJESTIC 35
MARY DAY 46
MARYLAND DOVE 60
MATTIE 46
MEKA II 49
MERCANTILE 46
MIDDIE'S PRIDE 33
MINNIE V 49
MISTRESS 46
MYSTIC CLIPPER 60
MYSTIC WHALER 60

NATHANIEL BOWDITCH . . . 47
NAUSET 28
NEWPORT 35
NORFOLK 60
NORFOLK REBEL 50

O.W. FOWLER 38
ORIOLE 25
OUR SVANEN 26

PARAGON 60
PATHFINDER 32
PERSEVERANCE 50
PETER M. ATWOOD 67
PHOENIX 51
PHOTON 60
PILGRIM 65
PIONEER 51
PLAYFAIR 32
PRIDE of BALTIMORE . . . 52
PROVIDENCE 52

QUILL 35

RACHEL and EBENEZER . . 53
RAINBEAU 35
RAMBLER 24
REBELLION REACH 35
RED JACKET 53
RICHARD ROBBINS 54
ROBERTSON II 27
ROMANCE 54
ROSEWAY 47

ST. LAWRENCE II 38
SAKOOSE II 60
SANTEE 35
SEA LION 55
SEA OWL 35
SHARON VIRGINIA 55
SHEILA YEATES 56
SHENANDOAH 56
SIMON BOLIVAR 29
SIR SCOTT 35
SPIRIT of CHEMAINUS . . 27
SPIRIT of MASSACHUSETTS 60
SPIRIT of ST. LOUIS . . 35
STEPHEN TABER 57
STONE WITCH 30
SURPRISE 35
SWAMP FOX 35
SWEET HARMONY 64
SYLVIA 60
SYLVINA W. BEAL 47

TABOR BOY 31
TAR BABY 64
TECH TACK II 35
TEHANI 60
TeVEGA 21
TIMBERWIND 47
TRADITION II 60

VERNON LANGILLE 57
VICTORY CHIMES 47
VOYAGER 58

WANDERBIRD 64
WELCOME 58
WELCOME 64
WESTERN UNION 36
WESTWARD 37
WHEN and IF 21
WHITEHAWK 64
WILD ONION 35
WILLIAM H. ALBURY . . . 59
WINDLASS 33
WINDSONG 35
WINDSONG 59

YANKEE CLIPPER 28
YOUNG AMERICA 67

ZODIAC 60

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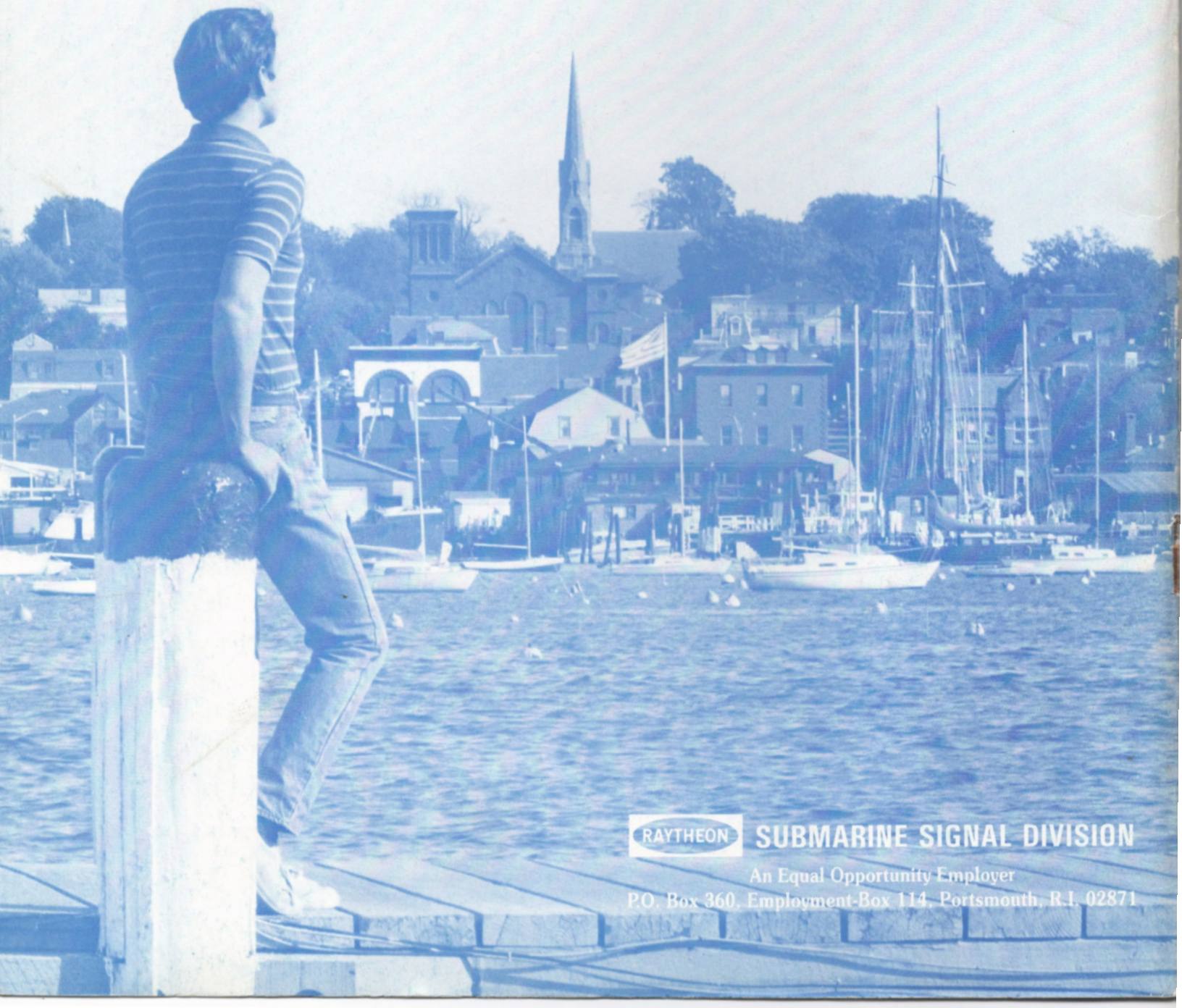

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